

AMPHIPOD

NEWSLETTER

35 (2011)

Introduction of the new AN-team <i>who will take over the Amphipod Newsletter?</i> Page 2	Bibliography <i>The list of new amphipod literature since Amphipod Newsletter 34 (2010)</i> Pages 3 - 43	In remembrance <i>George Crawford</i> <i>Stella Vassilenko</i> Pages 44 - 45	Meetings & info <i>XIV ICA 2010</i> <i>XV ICA 2013</i> <i>TCS summer 2012</i> Pages 46 - 47
---	--	---	---

INTRODUCTION

The Amphipod Newsletter was started up by me in 1971, and in 40 years I have, often with the help of colleagues, produced 35 issues, at first mimeographed, the later ones on the Amphipod Website on the Internet.

I have retired from my position as curator of zoology at Tromsø Museum in Tromsø, N. Norway, 4 years ago on reaching 70, and at the latest amphipod conference, in Sevilla in Spain in September 2010, I have asked for more regular assistance in the production of the newsletter, even though I am willing to continue for the time being to assist in the compiling of a bibliography of recent amphipod literature. At the meeting help was indeed offered, and from this issue, AN 35, the newsletter will be produced in cooperation with Adam Baldinger (Harvard), Miranda Lowe (Natural History Museum, London) and Anne Helene S. Tandberg (Norwegian Institute of Marine Research, Tromsø, Norway). They will, maybe unnecessarily for most of you, introduce themselves elsewhere in this newsletter.

Also the Amphipod website will move from Tromsø to Harvard eventually and as soon as some practical difficulties have been overcome.

I use this opportunity to once more thank the many colleagues who has helped me with the newsletter during all these years. In the early years Jan Stock in Amsterdam regularly contributed many references, later Egor Vinogradov in Moskva helped out a lot with the Russian literature, and these last years Franz Krapp (Bonn) has assisted me a lot with finding amphipod papers. I am also very grateful to my colleagues at Tromsø Museum for allowing me to use time on the Amphipod Newsletter, even though most was produced outside working hours. I hope AN has been some help during these years, maybe especially for those colleagues who do not have a large library at hand.

Tromsø, August 2011 Wim Vader
wim.vader@uit.no.



New Amphipod Web-Site

A new amphipod web-site is under construction at Harvard under the supervision of Adam Baldinger. For the time being we are sad to say we do not have this ready, but this will come soon. We promise!

the AN-team

New AN editors

Adam Baldinger

Department of Invertebrate Zoology, Museum of Comparative Zoology (MCZ), Harvard University, Cambridge, Massachusetts, USA.

Adam began working on amphipods in 1985 at Eastern Connecticut State University under the direction of Dr. Michael Gable. Along with Michael Gable, and collaborator, Eric Lazo-Wasem (Peabody Museum of Natural History, Yale University), Adam's research has focused mainly on the taxonomy and biogeography of marine amphipods from Bermuda and northern Caribbean areas. He has also done some work on the taxonomy of North American Hyaellidae. Adam is the Collections Manager of recent invertebrates at the MCZ and is currently curating the amphipod collection. Adam looks forward to continuing the tradition of the AN.



Miranda Lowe

Department of Zoology, The Natural History Museum (NHM), South Kensington, London, UK. Miranda started working in the Crustacea section at the NHM in 1991. Under the guidance of Dr



Roger Lincoln and Ms Joan Ellis she developed her taxonomic skills in peracarid crustacea in particular amphipods. As well as being senior curator of the crustacea collections she is involved in NHM marine consultancy work.

Miranda is now Collection Manager of the Invertebrates Collections Management Group providing access to the NHM collections for the scientific community. Miranda is happy to be part of the AN team and maintaining the continued success of the newsletter.

Anne Helene Tandberg

Institute of Marine Research, Tromsø. Anne Helene has studied amphipods under Wim Vader at the University Museum in Tromsø, where she has specialized in systematics on Amphilochidae and Stenothoidae. She has also worked a little with ecotoxicology using *Gammarus* as a test species, and is now working for the Norwegian national benthic mapping programme Mareano. She sometimes teaches at the University studies at Svalbard (UNIS) and is connected to the marine biodiversity group at the University of Bergen. Anne Helene will be the new teams direct connection with Wim, and she will use her interest in design and electronic communication to further the AN and present it to even more users.



Our plans with AN and the new amphipod site

Our immediate plans with the Amphipod Newsletter are:

- Continue AN - web-based/emails
- Continue the bibliography-work initiated by Wim
- Webpage (pictures, conferences, documents to share (bibliography and list of amphipods described since 1974) etc

We welcome suggestions and wishes from all users of AN!



Planning for AN in Seville 2010

BIBLIOGRAPHY

As usual, I am very grateful to Franz Krapp (Bonn), who regularly sends references and often complete pdf's to me, and without whom this bibliography would have been much less complete. I am also grateful to those (sadly few) colleagues, who inform me of their papers, when they appear.

These last years I have encountered a new problem in collecting this amphipod bibliography, i.e. the many papers that are published on line several months before the relevant issue of the journal appears. I have noted such papers here as 'in press', but that possibly is not quite the right way to cite them. I am also unsure whether newly described taxa date from the time the ms is published 'on line' or from the time the paper copy of the journal is printed and sent out.

I have compiled these bibliographies now during 40 years. During this time it has become much easier to check literature on the internet, also when one lives far from any large library. It is therefore not certain that the need for a bibliography of amphipod literature still is as great as it was earlier. I get little feedback in this respect, and would very much like to hear from colleagues, in how far AN, and its bibliographies, are of any assistance to them in their research. Compiling the bibliography is quite a lot of work.

Wim Vader, Tromsø, Norway
wim.vader@uit.no

AARNIO, K., J. MATTILA, A. TÖRNROOS & E. BONSDORFF 2011. Zoobenthos as an environmental quality element: the ecological significance of sampling design and functional traits. ---- *Marine Ecology* 32, Suppl. 1, 1-14. (Data from three areas in the Åland archipelago.)

ACOSTA, R. & N. PRAT 2011. Trophic ecology of *Hyalella* sp. (Crustacea: Amphipoda) in a High Andes headwater river with travertine deposits. ---- *International Review of Hydrobiology* 96, 274-286.

AGUILERA, M. A. 2011. The functional roles of herbivores in the rocky intertidal systems in Chile: A review of food preferences and consumptive effects. ---- *Revista Chilena de Historia Natural* 84, 241-261.

AHLGREN, J., K. ÅBJÖRNSSON & C. BRÖNMARK 2011. The influence of predator regime on the behaviour and mortality of a freshwater amphipod, *Gammarus pulex*. ---- *Hydrobiologia* 671, 39-49.

AHYONG, S. & S. L. WILKENS 2011. *Aliens in the Antipodes: non-indigenous marine crustaceans of New Zealand and Australia*. ---- Pp 451-485 in B. S. Galil et al. (eds). In the wrong place—alien marine crustaceans: distribution, biology and impacts. *Invading Nature—Springer Series in Invasion Ecology* 6. Springer Science + Business Media. (Twenty amphipod spp in NZ listed on p. 455, 18 Australian spp on pp 461-462. *Caprella mutica* is discussed on pp 470-471).

AJEMIAN, M. J. & S. P. POWERS 2011. Habitat-specific feeding by cownose rays (*Rhinoptera bonasus*) of the northern Gulf of Mexico. ---- *Environmental Biology of Fishes*, in press. (Haustoriid amphipods important prey)

ALONSO, A., V. GARCIA-JOHANSSON, H. J. DE LANGE & E. T. H. M. PEETERS 2010. Effects of animal starvation on the sensitivity of the freshwater amphipod *Gammarus pulex* to cadmium. ---- *Chemistry and Ecology* 26, 233-242.

- ALWES, F., B. HINCEN & C. G. EXTAVOUR 2011. Patterns of cell lineage, movement, and migration from germ layer specification to gastrulation in the amphipod crustacean *Parhyale hawaiiensis*. ---- *Developmental Biology*, in press.
- AMSLER, C. D., M. O. AMSLER, J. B. McCLINTOCK & B. J. BAKER 2009. Filamentous algal endophytes in macrophytic Antarctic algae. Prevalence in hosts and palatability to mesoherbivores. ---- *Phycologia* 48, 324-334.
- AMSLER, C. D., J. B. McCLINTOCK & B. J. BAKER 2011. Amphipods exclude filamentous algae from the Western Antarctic Peninsula benthos: experimental evidence. ---- *Polar Biology*, in press .
- AMSLER, M. O., J. B. McCLINTOCK, C. D. AMSLER, R. A. ANGUS & B. J. BAKER 2009. An evaluation of sponge-associated amphipods from the Antarctic Peninsula. ---- *Antarctic Science* 21, 579-589. (The many amphipods found in the twelve investigated sponge species are listed on pp 580-581.)
- ANBUCHZKIAN, R., S. RAVICHANDRAN, J. SESH SEREBIAH & E. P. NOBI 2010. Geographic information system based assessment of benthic macrofauna in Thondo coastal area, South East coast of India. ---- *World Journal of Zoology* 5, 172-182. (5 amphipods listed on p. 174.)
- ANDREW, D. R. 2011. A new view of insect-crustacean relationships. II. Inferences from expressed sequence tags and comparison with neural cladistics. ---- *Arthropod Structure and Development* 40, 289-300. (Not seen)
- ANGEL, B. M., S. L. SIMPSON & D. F. JOLLEY 2010. Toxicity to *Melita plumulosa* from intermittent and continuous exposures to dissolved copper. ---- *Environmental Toxicology & Chemistry* 29, 2823-2830.
- ANTEAU, M. J., A. D. AFTON, A. C. E. ANTEAU & E. B. MOSER 2011. Fish and land use influence *Gammarus lacustris* and *Hyaella azteca* (Amphipoda) densities in large wetlands across the upper Midwest. ---- *Hydrobiologia* 664, 69-80.
- ARIYAMA, H. 2011. Six species of the family Odiidae (Crustacea: Amphipoda) from Japan, with descriptions of a new genus and four new species. ---- *Bulletin of the National Museum of Natural Sciences, Ser. A, Suppl.* 5, 1-39. (Deals with *Postodius imperfectus*, *P. igneus* n. sp. (Izu Islands, Japan), *P. ornatus* n. sp. (Shizuoka pref., Japan), *P. striatus* n. sp. (Miyagi pref., Japan), *Gordonodius* n. genus for *G. zelleri*, transferred from *Postodius*, and *Antarctodius japonicus* n. sp. (Ariake sound, Japan). Keys to the genera and to *Postodius* spp are provided.)
- ARP, H. P. H., N. M. AZZOLINA, G. CORNELISSEN & S. B. HAWTHORNE 2011. Predicting pore water EPA-34 PAH concentrations and toxicity in pyrogenic-impacted sediments using pyrene content. ---- *Environmental Science and Technology* 45, 5139-5146. (Test animals are *Hyaella azteca* and *Leptocheirus plumulosus*.)
- ASHAUER, R., A. HINTERMEISTER, E. POTTHOFF & B. I. ESCHER 2011. Acute toxicity of organic chemicals to *Gammarus pulex* correlates with sensitivity of *Daphnia magna* across most modes of action. ---- *Aquatic Toxicology* 103, 38-45.
- ASLAN-CHANGIR, H. & M. A. PANCUCCI-PAPADOPOULOS 2011. Spatial and temporal variation of soft-bottom peracarid (Crustacea: Peracarida) infauna in the Canakkale Strait (Turkey). ---- *Mediterranean Marine Science* 12, 153-182. (A long list of amphipod species, with many new for Turkish waters, is found on pp 176-181.)
- ASZMANN, C., K. RINKE, J. NACHWATAL & E. von ELST 2011. Perfluorooctane sulfonate accumulation and parasite infestation in a field population of the amphipod *Monoporeia affinis* after microcosm exposure. ---- *Freshwater Biology* 56, 867-876.
- AUMACK, C. F. 2010. *Chemically mediated macroalgal-mesograzers interactions along the Western Antarctic Peninsula*. ---- PhD Thesis, University of Alabama at Birmingham, 125pp (Not seen)
- AUMACK, C. F., C. D. AMSLER & J. B. McCLINTOCK 2010. Impacts of mesograzers on epiphyte and endophyte growth associated with chemically defended macroalgae from the western Antarctic Peninsula: a mesocosm experiment. ---- *Journal of Phycology* 47, 36-41.

- AUMACK, C. F., C. D. AMSLER, J. B. McCLINTOCK & B. J. BAKER 2010. Chemically mediated resistance to mesoherbivores in finely branched macroalgae along the western Antarctic Peninsula. ---- *European Journal of Phycology* 45, 19-26. (Not seen)
- AUMACK, C. F., C. D. AMSLER, J. B. McCLINTOCK & B. J. BAKER 2011. Changes in amphipod densities among macroalgal habitats in day versus night collections along the Western Antarctic Peninsula. ---- *Marine Biology* 158, 1879-1885. (It looks as if amphipods seek refuge among chemically defended algae during the day, and graze on palatable algae at night.)
- AUSTER, P. J., K. B. HEINONEN, L. WATLING, C. PARRISH-KUHN, E. HEUPEL & J. LINDHOLM 2011. A rare deepwater anemone and its associates in the Stellwagen Bank National Marine Sanctuary (Gulf of Maine, north-west Atlantic). ---- *Marine Biodiversity Records* 4, 4 pp (Many *Stenothoe brevicornis* on the sea anemone *Liponema multicornis*.)
- AVERINA, E. S., O. GRAHL-NIELSEN, S. V. BAZARSADUEVA & L. D. RADNAEVA 2011. Transformation through the food chain of Lake Baikal hydrobionts fatty acids. ---- *Chemistry of Natural Compounds* 46, 857-861.
- AYARI, A. & K. NASRI-AMMAR 2011. Locomotor rhythm phenology of *Talitrus saltator* from two geomorphologically different beaches of Tunisia: Bizerte (North of Tunisia) and Gulf of Gabès (South of Tunisia). ---- *Biological Rhythm Research*, in press
- AYARI, A. & K. NASRI-AMMAR 2011. Distribution and biology of amphipods on two geomorphologically different sandy beaches in Tunisia. ---- *Crustaceana* 84, 591-599. (Deals with *Talitrus saltator*, *Deshayesorchestia deshayesii* and *Orchestia gammarellus*.)
- AZMAN, B. A. R. & C. W. H. MELVIN 2011. Two new species of *Urothoe* (Crustacea, Amphipod, Gammaridea) from the East Johor Islands archipelago, Malaysia. ---- *ZooKeys* 87, 43-62. (Deals with *U. sibuensis* n. sp. (Pulau Sibu) and *U. tinggiensis* n. sp. (Pulau, Tinggi), both from the East Johor Islands archipelago.)
- BACH, L., A. FISCHER & J. STRAND 2010. Local anthropogenic contamination affects the fecundity and reproductive success of an Arctic amphipod. ---- *Marine Ecology Progress Report* 419, 121-128. (A Greenland study on *Orchomenella pinguis*.)
- BACH, L., V. E. FORBES & I. DAHLLÖF 2009. The amphipod *Orchomenella pinguis*—A potential bioindicator for contamination in the Arctic. ---- *Marine Pollution Bulletin* 58, 1664-1670.
- BACKER, A. de, F. v. COLLIE, F. MONTSERRAT, P. PROVOOST, C. v. COLEN, M. VINCX & S. DEGRAER 2010. Bioturbation effects of *Corophium volutator*: Importance of density and behavioural activity. ---- *Estuarine, Coastal and Shelf Science*, in press.
- BAIRD, D. J., T. J. PASCOE, X. ZHOU & M. HAJIBAI 2011. Building freshwater macroinvertebrate DNA-barcode libraries from reference collection material: formalin preservation vs specimen age. ---- *Journal of the North American Benthological Society* 30, 125-130. (Not seen)
- BAIRD, H. P., K. J. MILLER & J. S. STARK 2011. Evidence of hidden biodiversity, ongoing speciation and diverse patterns of genetic structure in giant Antarctic amphipods. ---- *Molecular Ecology*, in press. (The species *Eusirus giganteus* and *E. perdentatus* each consist of a number of cryptic species.)
- BAKER, E., A. FUSARO & R. STURTEVANT 2011. Watchlist of potential Great Lakes aquatic invasive species. ---- GLANSIS, 7 pp (8 amphipods are included, 7 gammarids and *Chelicerophium curvispinum*.)
- BAKIR, K. & T. KATAGAN 2011. On the occurrence of *Caprella scaura* Templeton, 1836 (Crustacea: Amphipoda) in Turkish waters. ---- *Zoology in the Middle East* 52, 125. (Not seen).

- BAKIR, K., M. SEZGIN & T. KATAGAN 2010. First record of *Abludomelita aculeata* (Crustacea: Amphipoda) from the eastern Mediterranean. ---- *Marine Biodiversity Records* 3, 2 pp..
- BAKIR, K., M. SEZGIN & T. KATAGAN 2011. Alien amphipods on the Turkish coasts. ---- *Zoologia Baetica* 21, 191-196. (Deals with *Gammaropsis togoensis*, *Maera hamigera*, *Stenothoe gallensis*, *Elasmopus pecteniscus* and *Parhyale explorator*.)
- BAKIR, K., M. SEZGIN & A. A. MYERS 2011. A new species of amphipod, *Megamphopus katagani* sp. nov. (Crustacea: Peracarida: Photidae) from the Sea of Marmara (Turkey), with a key to the species of *Megamphopus* in the North Atlantic, Mediterranean and associated seas. ---- *Zootaxa* 2791, 63-67.
- BARBIERO, R. P., K. SCHMUDE, B. M. LESHT, C. M. RISENG, G. J. WARREN & M. L. TUCHMAN 2010. Trends in *Diporeia* populations across the Laurentian Great Lakes, 1997-2009. ---- *Journal of Great Lakes Research* 37, 9-17. (*Diporeia* has not been found in L. Erie in this period, and is largely absent at depths <90m in lakes Ontario, Huron and Michigan. There have been no changes in L. Superior.)
- BARKOV, D. V. & E. A. KURASHOV 2011. (Population characteristics and ??? of the Baikal ??? *Gmelinoides fasciatus* (Stebbing, 1899) (Crustacea: Amphipoda) in Lake Ladoga). ---- *Biologiya Vnutrennikh Vod* 2, 46-56. (In Russian. On the Baikal amphipod *Gmelinoides fasciatus* in Lake Ladoga.)
- BÄTHER, J. & E. CORING 2010. Biological effects of anthropogenic salt-load on the aquatic fauna: A synthesis of 17 years of biological survey on the rivers Werra and Weser. ---- *Limnologica* 41, 125-133.
- BAUZA-RIBOT, M. M., D. JAUME, J. J. FORNOS, C. JUAN & J. PONS 2011. Islands beneath islands: phylogeography of a groundwater amphipod crustacean in the Balearic archipelago. ---- *BMC Evolutionary Biology*, in press. (A study of *Metacrangonyx longipes*.)
- BEERMANN, J. & H.-D. FRANKE 2011. A supplement to the amphipod species inventory of Helgoland (German Bight, North Sea): Indication of rapid recent change. ---- *Marine Biodiversity Records* 4, 15 pp. (Seven spp are new to Helgoland, of which two, *Amphilocheus brunneus* and *Orchomenella crenata* are also new to the entire North Sea. Also the alien *Caprella mutica* is found.)
- BELGACEM, W., H. LANGAR & O. KALTHOUM BEN HASSINE 2011. Depth and temporal distribution of vagile fauna associated with *Posidonia oceanica* meadows in Cap Zebib, north-eastern Tunisian coastline. ---- *African Journal of Ecology*, in press (Amphipods in Table 4; *Elasmopus rapax*, *Leptocheirus pilosus* and *Lysianassa longicornis* are new for Tunisian waters.)
- BEREZINA, N. A. 2011. Perch-mediated shifts in reproductive variables of *Gammarus lacustris* (Amphipoda, Gammaridae) in lakes of northern Russia. ---- *Crustaceana* 84, 523-542.
- BEREZINA, N. A., V. V. PETRYASHEV, A. RAZINKOVAS & J. LESUTIENÉ 2011. Alien Malacostraca in the eastern Baltic Sea: Pathways and consequences. ---- Pp 301-322 in B. S. Galil et al. (eds). In the wrong place—Alien marine crustaceans: distribution, biology and impacts. Invading Nature—Springer Series in Invasion Ecology 6. Springer Science + Business Media. (Nine amphipod spp are listed and discussed on pp 305-307 and 311-313.)
- BEREZINA, N. A. & A. P. STRELNIKOVA 2010. The role of the introduced amphipod *Gmelinoides fasciatus* and native amphipods as fish food in two large-scale north-western Russian inland water bodies: Lake Ladoga and Rybinsk Reservoir. ---- *Journal of Applied Ichthyology* 26, Suppl. 2, 89-95. (Not seen)
- BERGAMINO, L., D. LERCARI & O. DEFEO, 2011. Food web structure of sandy beaches: Temporal and spatial variation using stable isotope analysis. ---- *Estuarine, Coastal and Shelf Science* 91, 536-543. (A study from Uruguay, with i.a. *Atlantorchestia brasiliensis*)
- BHAVE, V. J. & V. D. DESHMUKH 2009. A record of skeleton shrimp *Paracaprella pusilla* Mayer, 1890 from Mumbai waters. ---- *Journal of the Marine Biological Society of India* 51, 111-113.

- BIANCO, E. M., V. L. TEIXEIRA & R. C. PEREIRA 2010. Chemical defenses of the tropical marine seaweed *Canistrocarpus cervicornis* against herbivory by sea urchin. ---- *Brazilian Journal of Oceanography* 58, 213-218.
- BLOOR, M. C. 2011. Animal standardisation for mixed species ecotoxicological studies: Establishing a laboratory breeding programme for *Gammarus pulex* and *Asellus aquaticus*. ---- *Zoologia Baetica* 21, 179-190.
- BOCHERT, R. & M. L. ZETTLER 2010. *Grandidierella* (Amphipoda, Aoridae) from Angola with description of a new species. ---- *Crustaceana* 83, 1209-1219. (Deals with *G. ischionoplia* n. sp. (shelf coast of Angola) and *G. elongata*.)
- BOETS, P., K. LOCK & P. L. M. GOETHALS 2011. Shifts in the gammarid (Amphipoda) fauna of brackish polder waters in Flanders (Belgium). ---- *Journal of Crustacean Biology* 31, 270-277. (The alien *Gammarus tigrinus* has increased, the indigenous *G. duebeni* and *G. zaddachi* decreased. A decrease in salinity seems to be the most important causal factor. All 9 amphipods found are listed in Table 2, p. 274.)
- BOETS, P., K. LOCK & P. L. M. GOETHALS 2011. Assessing the importance of alien macro-Crustacea (Malacostraca) within macroinvertebrate assemblages in Belgian coastal harbours.---- *Helgoland Marine Research*, in press. (Twenty amphipod spp are listed (Table 2) of which 4 (*Caprella mutica*, *Monocorophium sextonae*, *Dikerogammarus villosus* and *Orchestia cavimana* (why? WV) are considered to be aliens.)
- BOETS, P., K. LOCK, M. MESSIAEN & P. L. M. GOETHALS 2010. Combining data-driven methods and lab studies to analyse the ecology of *Dikerogammarus villosus*. ---- *Ecological Informatics* 5, 133-139 (Not seen)
- BOOS, K., G. V. ASHTON & E. J. COOK 2011. *The Japanese skeleton shrimp* *Caprella mutica* (Crustacea: Amphipoda): A global invader of coastal waters. ---- Pp 129-156 in B. S. Galil et al. (eds). In the wrong place—Alien marine crustaceans: distribution, biology and impacts. Invading Nature—Springer Series in Invasion Ecology 6. Springer Science + Business Media.
- BOROWSKY, B. 2011. Responses to light in two eyeless cave dwelling amphipods (*Niphargus ictus* and *Niphargus frassianus*). ---- *Journal of Crustacean Biology*, in press (The species can detect light and shows negative phototaxis).
- BROOKS, S. J. & C. LLOYD MILLS 2011. Osmoregulation in hypogean populations of the freshwater amphipod, *Gammarus pulex* (L.). ---- *Journal of Crustacean Biology* 31, 332-338.
- BROOKS, S. J. & C. L. MILLS 2011. Parasitic infection manipulates sodium regulation in the freshwater amphipod *Gammarus pulex* (L.). ---- *Comparative Biochemistry and Physiology A* 159, 247-252.
- BUNDSCHUH, M. & R. SCHULZ 2011. Population response to ozone application in wastewater: an on-site microcosm study with *Gammarus fossarum* (Crustacea: Amphipoda). ---- *Ecotoxicology*, in press.
- BUNDSCHUH, M., J. P. ZUBROD, S. KOSOL, L. MALTBY, C. STANG, L. DUESTER & R. SCHUTZ 2011. Fungal composition on leaves explains pollutant-mediated indirect effects on amphipod feeding. ---- *Aquatic Toxicology* 104, 32-37.
- BUNDSCHUH, M., J. P. ZUBROD & R. SCHULZ 2010. The functional and physiological status of *Gammarus fossarum* (Crustacea: Amphipoda) exposed to secondary treated wastewater. ---- *Environmental Pollution* 159, 244-249.
- BURGESS, R. M., S. B. HAWTHORNE, M. M. PERRON, M. G. CARTWELL, C. B. GRABANSKI, D. J. MILLER, K. T. HO & M. A. PELLETIER 2011. Assessment of supercritical fluid extraction use in whole sediment toxicity identification evaluations. ---- *Environmental Toxicology and Chemistry*, in press. (Test animal is *Ampelisca abdita*)
- BUSTAMANTE, M., F. J. TAJADURA-MARTIN & J. I. SAIZ-SALINAS 2010. Temporal and spatial variability on rocky intertidal macrofaunal assemblages affected by an oil spill (Basque coast, northern Spain). ---- *Journal of the Marine Biological Association UK* 90, 1305-1317. (Amph. listed on p.1309.)

- CAMPOS, L. de S., M. BASSOI, C. NAKAYAMA, Y. Y. VALENTIN, H. P. LAVRADO, L. MENOT & M. SIBUET 2011. Antarctic-South American interactions in the marine environment; a COMARGE and CAML effort through the South American consortium on Antarctic biodiversity. ---- *Oecologia Australis* 15, 5-22.
- CARDOSO, R. S., G. MATTOS, C. H. S. CAETANO, T. M. B. CABRINI, L. B. GALHARDO & F. MEIREIS 2011. Effects of environmental gradients on sandy beach macrofauna of a semi-enclosed bay. ---- *Marine Ecology*, in press (A study from SE Brazil).
- CARLTON, J. T. 2011. *The global dispersal of marine and estuarine crustaceans*. ---- Pp 3-23 in B. S. Galil et al. (eds). In the wrong place—Alien marine crustaceans: distribution, biology and impacts. Invading Nature—Springer Series in Invasion Ecology 6. Springer Science + Business Media.
- CARTES, J. E., V. MAMOURIDIS & E. FANELLI 2011. Deep-sea suprabenthos assemblages (Crustacea) off the Balearic Islands (western Mediterranean): mesoscale variability in diversity and production. ---- *Journal of Sea Research* 65, 340-354.
- CASTIGLIONI, D. da S., B. K. DUTRA, A. CAHANSKY, E. RODRIGUEZ, G. T. OLIVEIRA & G. BOND-BUCKUP 2010. Variations in biochemical composition and lipoperoxidation levels of *Hyalella bonariensis* maintained in laboratory with different diets. ---- *Animal Biology* 60, 34-360.
- CHANG, V.-J., C.-L. SUN & S.-Z. YEH 2011. Modelling the growth of crustacean species. ---- *Reviews in Fish Biology and Fisheries*, in press (Not seen)
- CHAPMAN, N. D., C. G. MOORE, D. B. HARRIES & A. R. LYNDON 2011. The community associated with biogenic reefs formed by the polychaete, *Serpula vermicularis*. ---- *Journal of the Marine Biological Association UK*, in press (Amphipods in Table 2)
- CHENG, Y.-T., K. NAKAZONO, Y. K. LIN & B. K. K. CHAN 2011. Cryptic diversity of the semi-terrestrial amphipod *Platorchestia japonica* (Tattersall, 1922) (Amphipoda; Talitrida: Talitridae) in Japan and Taiwan, with description of a new species. ---- *Zootaxa* 2787, 1-18. (Deals with *Platorchestia paludosus* n. sp. (Taipei Co, Taiwan); the correct spelling of this specific epithet, clearly an adjective, is *paludosa*.WV)
- CHIESA, I. L. & G. M. ALONSO 2011. Redescription and generic assignment of *Fuegiphoxus uncinatus* (Chevreux, 1912) (Crustacea, Amphipoda, Phoxocephalidae). ---- *Zoosystema* 33, 219-233 (The redescription is based on Chevreux' holotype. A key to *Fuegiphoxus* spp is provided.))
- CHRISTENSEN, J. R. & W. G. CRUMPTON 2010. Wetland invertebrate community responses to varying emergent litter in a prairie pothole emergent marsh. ---- *Wetlands*, in press. ('Invertebrate patterns were driven primarily by amphipod abundance and may be related to the use of lemnids as a habitat.' The amphipods in this Iowa study were *Hyalella* spp))
- CHUNG, P. P., R. V. HYNE, R. M. MANN & J. W. O. BALLARD 2011. Temporal and geographical genetic variation in the amphipod *Melita plumulosa* (Crustacea: Melitidae): link of a localized change in haplotype frequencies to a chemical spill. ---- *Chemosphere* 82, 1050-1055.
- COHEN, J. H., T. W. CRONIN, N. LESSIOS & R. B. FORWARD 2010. Visual physiology underlying orientation and diel behaviour in the sand beach amphipod *Talorchestia longicornis*. ---- *Journal of Experimental Biology* 213, 3843-3851. (Not seen)
- COLE, V. J. & C. D. McQUAID 2010. Bioengineers and their associated fauna respond differently to the effects of biogeography and upwelling. ---- *Ecology* 91, 3549-3562. (A study of mussel habitats in S. Africa)
- COLEMAN, C. O. 2010. *Batea aldebaranae* sp. nov. (Crustacea: Amphipoda: Bateidae) from the coast of Belize with redescrptions of two related species. ---- *Journal of the Marine Biological Association UK* 91, 455-469. (Deals with *Batea aldebaranae* n. sp. (Turneffe Island, Belize), *B. cuspidata* and *B. carinata*.)

- COLOMBINI, I., M. BRILLI, M. FALLACI, E. GAGNARLI & L. CHELAZZI 2011. Food webs of a sandy beach macroinvertebrate community using stable isotopes analysis. ---- *Acta Oecologica*, in press (no amphipods)
- COLSON-PROCH, C., A. MORALES, F. HERVANT, L. KONECNY, C. MOULIN & C. J. DOUADY 2010. First cellular approach of the effects of global warming on groundwater organisms: a study of the HSP70 gene expression. ---- *Cell Stress and Chaperones* 15, 159-170. (A study on *Niphargus rhenorhodanensis* and *N. virei*.)
- CORNET, S. 2011. Density-dependent effects on parasite growth and parasite-induced host immunodepression in the larval helminth *Pomphorhynchus laevis*. ---- *Parasitology* 138, 257-265. (This acanthocephalan is a parasite of *Gammarus pulex*.)
- CORNET, S., N. FRANCESCHI, L. BOLLACHE, T. RIGAUD & G. SORCI 2009. Variation and covariation in infectivity, virulence and immunodepression in the host-parasite association *Gammarus pulex*-*Pomphorhynchus laevis*. ---- *Proceedings of The Royal Society B* 276, 4229-4236.
- CORREA-ARANEDA, F., A. CONTRERAS & P. DE LOS RIOS 2010. Amphipoda and Decapoda as potential bioindicators of water quality in an urban stream (38°S, Temuco, Chile). ---- *Crustaceana* 83, 897-902. (i.a. *Hyaella araucana*)
- COSTA, F. O., C. M. HENZLER, D. H. LUNT, N. M. WHITELEY & J. ROCK 2009. Probing marine *Gammarus* (Amphipoda) taxonomy with DNA barcodes. ---- *Systematics and Biodiversity* 7, 365-379. (A study of 16 species, with many interesting and surprising results.)
- COTHRAN, R. D. & P. D. JAYASINGH 2010. Condition dependence of sexually selected trait in a crustacean species complex: importance of the ecological context. ---- *Evolution* 64, 2535-2546. (An amphipod study; not seen)
- COULTHARD, M. E. & D. J. HAMILTON 2011. Effects of *Ilyanassa obsoleta* (Say) on the abundance and vertical distribution of *Corophium volutator* (Pallas) on mudflats of the upper Bay of Fundy. ---- *Journal of Experimental Marine Biology and Ecology* 397, 161-172.
- CUI, L., C. NEWCOMBE, D. S. URGAST, A. RAAB, E. M. KRUPP & J. FELDMANN 2011. Assessing the toxicity of arsenic-bearing sulphide minerals with the bioindicator *Corophium volutator*. ---- *Environmental Chemistry* 8, 52-61.
- CULVER, D. C. & T. PIPAN 2010. Climate, abiotic factors, and the evolution of subterranean life. ---- *Acta Carsologica* 39, 577-586.
- CULVER, D. C. & T. PIPAN 2011. Redefining the extent of the aquatic subterranean biotope—shallow subterranean habitats. ---- *Ecohydrology*, in press (Not seen)
- CUNHA, M. R., G. L. J. PATERSON, T. AMARO, S. BLACKBIRD, H. C. de STIGTER, C. FERREIRA, A. GLOVER, A. HILARIO, K. KIRIAKOULAKIS, L. NEALOVA, A. RAVAR, C. L. RODRIGUES, A. TIAGO & D. S. M. BILLET 2011. Biodiversity of macrofaunal assemblages from three Portuguese submarine canyons (NE Atlantic). ---- *Deep-Sea Research II*, in press.
- CUVELIER, D., P.-M. SARRADIN, J. SARRADIN, A. COLACO, J. T. COPLEY, D. DESBRUYÈRES, A. G. GLOVER, R. SERRÃO SANTOS & P. A. TYLER 2011. Hydrothermal faunal assemblages and habitat characterisation at the Eiffel Tower edifice (Lucky Strike, Mid-Atlantic Ridge). ---- *Marine Ecology* 32, 243-255. (With data on *Luckia striki*)
- CYRUS, D., H. JERLING, F. MacKAY & L. VIVIER 2011. Lake St Lucia, Africa's largest estuarine lake in crisis: Combined effects of mouth closure, low levels and hypersalinity. ---- *South African Journal of Science* 107-3/4, 13 pp (Not seen)

- CZARNECKA, M., J. KOBAK & R. WISNIEWSKI 2010. Preferences of juveniles and adults of the invasive Ponto-Caspian amphipod *Pontogammarus robustoides* for various species of macrophytes and artificial substrata. ---- *Hydrobiologia* 655, 79-88. (Adults do not show much preference, but juveniles clearly preferred finely structured water plants.)
- DALLAS, H. F. & Z. A. KETLEY 2011. Upper thermal limits of aquatic macroinvertebrates: Comparing critical thermal maxima with 96-LT50 values. ---- *Journal of Thermal Biology*, in press (i.a. *Paramelita nigroculus*)
- DANELYA, M. E. 2011. A new species of *Sandro* Karaman & Barnard (Crustacea: Amphipoda: *Austroniphargus* family group) from South-East Madagascar. ---- *Zootaxa* 2929, 37-50. (*Sandro straussi* n. sp. from the Ranomafana NP. With a key to all four *Austroniphargus* and *Sandro* species.)
- DASHTGARD, S. E. 2011. Linking invertebrate burrow distributions (neoichnology) to physicochemical stresses on a sandy tidal flat: implications for the rock record. ---- *Sedimentology*, in press (i.a. *Corophium volutator*.)
- DAUVIN, J. C., S. ALIZIER, C. ROLET, A. BAKALEM, G. BELLAN, J. L. GOMEZ GESTEIRA, S. GRIMES, J. A. de-la-OSSA-CARRETERO & Y. Del-PILAR-RUSO 2011. Response of different benthic indices to diverse human pressures---- *Ecological Indicators*, in press
- DAUVIN, J.-C., C. ROLET, S. ALIZIER & T. RUELLET 2011. Spatial patterns in suprabenthic communities in the English Channel. ---- *Journal of Sea Research* 65, 182-185.
- DAVOLOS, D., L. PAVESI, F. ACCORDI & E. DE MATTHAEIS 2011. Morphology and histology of the mouthparts and gut system of *Macarorchestia remyi* (Schellenberg, 1950) (Amphipoda, Talitridae). ---- *Zoologia Baetica* 21, 151-178.
- DE BACKER, A., F. VAN COILLIE, F. MONTSERRAT, P. PROVOOST, C. VAN COLEN, M. VINCX & S. DEGRAER 2011. Bioturbation effects of *Corophium volutator*: importance of density and behavioural activity. ---- *Estuarine, Coastal and Shelf Science* 91, 306-313.
- DE BROYER, C., B. DANIS, with 64 SCAR-MarBIN EDITORS 2011. How many species in the Southern Ocean? Towards a dynamic inventory of the Antarctic marine species. ---- *Deep-Sea Research II* 58, 5-17.
- DEGERMENDZHY, A. G., E. S. ZADEREEV, D. YU. ROGOZIN, I. G. PROKOPKIN, Y. V. BARKHATOV, A. P. TOLOMEEV, E. B. KHROMECHKEK, J. H. JANSE, W. M. MOOIJ & R. D. GULATI 2010. Vertical stratification of physical, chemical and biological components in two saline lakes Shira and Shunet (South Siberia, Russia). ---- *Aquatic Ecology* 44, 619-632. (i.a. *Gammarus lacustris*)
- DELGADO, L., G. GUERAO & C. RIBERA 2011. Effects of different salinities on juvenile growth of *Gammarus aequicauda* (Malacostraca: Amphipoda). ---- *International Journal of Zoology*, in press.
- DEMCHENKO, N. L. 2011. Ecological aspects of the dominant amphipod *Monoporeia affinis* (Amphipoda: Pontoporeiidae) in the infralittoral zone on the northeastern coast of the Sakhalin Island. ---- *Zoologia Baetica* 21, 143-149.
- DETHIER, M. N. 2010. *Overview of the ecology of Puget Sound beaches*. ---- pp 35-42 in H. Shipman, M. N. Dethier, G. Gelfenbaum, K. I. Fresh & R. S. Dinicola (eds). Puget Sound shorelines and the impacts of armouring, US Geological Survey Scientific Investigations Report 2010-5254.
- DEUDERO, S., A. BOX, J. ALÓS, N. L. ARROYO & N. MARBÀ 2011. Functional changes due to invasive species: Food web shifts at shallow *Posidonia oceanica* seagrass beds colonized by the alien macroalga *Caulerpa racemosa*. ---- *Estuarine, Coastal and Shelf Science*, in press (A study from Mallorca; no amphipods considered at all!)
- DIANNE, L., M. PERROT-MINOT, A. BAUER, M. GAILLARD, E. LÉGER & T. RIGAUD 2011. Protection first, then facilitation: a manipulative parasite modulates the vulnerability to predation of its intermediate host according to its own developmental stage. ---- *Evolution*, in press (Not seen)

- DIANNE, L., T. RIGAUD, E. LÉGER, S. MOTREUIL, A. BAUER & M. J. PERROT-MINOT, 2011. Intraspecific conflict over host manipulation between different larval stages of an acanthocephalan parasite. ---- *Journal of Evolutionary Biology*, in press. (Not seen)
- DICK, J. T. A., M. ARMSTRONG, H. C. CLARKE, K. D. FARNSWORTH, M. J. HATCHER, M. ENNIS, A. KELLY & A. M. DUNN 2010. Parasitism may enhance rather than reduce the predatory impact of an invader. ---- *Biology Letters* 6, 636-638. (A study with *Gammarus pulex* as the predator and *Asellus aquaticus* as the prey.)
- DOI, W., S. WATANABE & J. T. CARLTON 2011. *Alien marine crustaceans of Japan: A preliminary assessment*. ---- Pp 419-449 in B. S. Galil et al. (eds). In the wrong place—Alien marine crustaceans: distribution, biology and impacts. Invading Nature—Springer Series in Invasion Ecology 6. Springer Science + Business Media. (Twelve amphipod spp listed on pp 423-424.)
- DROLET, D. & M. A. BARBEAU 2011. Movement patterns drive within-mudflat distribution of an intertidal amphipod. ---- *Marine Ecology Progress Series* 431, 255-265. (*Corophium volutator* in the Bay of Fundy)
- DUBAND, S., F. FOREST, Y. GAILLARD, J.-M. DUMOLLARD, M. DEBOUT & M. PÉOC'H 2011. Macroscopic, histological and toxicological aspects of early *Gammarus pulex* scavenging. ---- *Forensic Science International* 209, e16-e22. (This somewhat gruesome paper details damage on two drowned corpses by *Gammarus pulex*, one of the amphipod species that I had suspected least of such activities)
- DUNN, R. J. K., D. T. WELSH, M. A. JORDAN, T. R. TEESDALE & C. J. LEMCKERT 2009. Influence of natural amphipod (*Victoriopisa australensis*) (Chilton, 1923) population density on benthic metabolism, nutrient fluxes, denitrification and DNRA in sub-tropical estuarine sediment. ---- *Hydrobiologia* 628, 95-109. (Not seen)
- DUTRA, B. K., F. A. FERNANDES, D. M. FALLACE & G. T. OLIVEIRA 2011. Effects of Roundup (glyphosate formulation) in the energy metabolism and reproductive traits of *Hyalella castroi* (Crustacea, Amphipoda, Dogielinotidae). ---- *Ecotoxicology* 20, 255-263.
- DUTTON, J. & N. S. FISHER 2011. Bioaccumulation of As, Cd, Cr, Hg (II) and MeHg in killifish (*Fundulus heteroclitus*) from amphipod and worm prey. ---- *Science of the Total Environment* 44, 3438-3447. (The amphipod is *Leptocheirus plumulosus*.)
- DVORETSKY, A. G. & V. G. DVORETSKY 2009. Epifauna associated with an introduced crab in the Barents Sea: a 5-year study. ---- *ICES Journal of Marine Science* 67, 204-214. (The crab is *Paralithodes camtschaticus*)
- DVORETSKY, A.G. & V. G. DVORETSKY 2010. Interspecific relationships of symbiotic amphipods on the Red King Crab in the Barents Sea. ---- *Doklady Biological Sciences* 433, 279-281.
- DVORETSKY, A. G. & V. G. DVORETSKY 2010. (Some aspects of biology of *Ischyrocerus anguiceps* inhabiting on the red king crab (*Paralithodes camtschaticus*) from the Barents Sea.) ---- *Zoologicheskij Zhurnal* 89, 1062-1069. (In Russian. Not seen, unfortunately)
- DVORETSKY, A. G. & V. G. DVORETSKY 2011. Population biology of *Ischyrocerus commensalis*, a crab-associated amphipod in the Southern Barents Sea: a multi-annual summer study. ---- *Marine Ecology*, in press
- ELLIS, J. R., T. MAXWELL, M. SCHRATZBERGER & S. I. ROGERS 2010. The benthos and fish of offshore sandbank habitats in the southern North Sea. ---- *Journal of the Marine Biological Association UK* 91, 1319-1335. (11 amphipod spp on p. 1334.)
- ENGRAF, M., C. SOLERE, K. E. C. SMITH, P. MAYER & I. DAHLÖF 2011. Aquatic toxicity of PAHs and PAH mixtures at saturation to benthic amphipods: linking toxic effects to chemical activity. ---- *Aquatic Toxicology*, 102, 142-149. (Studies on *Orchomenella pinguis* and *Corophium volutator*.)

- ESQUETE, P., J. MOREIRA & F. S. TRONCOSO 2010. First record of *Periocolodes aequimanus* (Crustacea: Amphipoda) in the north-east Atlantic, with remarks on taxonomic characters. ---- *Marine Biodiversity Records* 3, 6 pp.
- ESQUETE, P., J. MOREIRA & J. S. TRONCOSO 2011. *Using peracarid assemblages as an environmental indicator in a protected area with a high level of urban pressure (O Grove inlet, NW Iberian Peninsula)*. ---- V Simposio Brasileiro de Oceanografia, 3 pp.
- FABRI, M.-C., A. BARGAIN, P. BRIAND, A. GEBRUK, Y. FOUQUET, M. MORINEAUX & D. DESBRUYERES 2010. The hydrothermal vent community of a new deep-sea field, Ashadze-1, 12°58'N on the Mid-Atlantic Ridge. ---- *Journal of the Marine Biological Association UK*, in press (Amph. present, but not identified)
- FADEEV, V. I. 2011. *Benthic studies in feeding grounds of western gray whales off the northeast coast of Sakhalin Island (Russia), 2002-2010*. ---- International Whaling Commission, 63d Annual Meeting, Tromsø, Norway, 2011, 13 pp. (The most important amphipod species on these fields are *Monoporeia affinis*, *Eogammarus schmidtii*, *Anisogammarus pugettensis*, *Anonyx nugax* and *Eohaustorius eous*. The numbers varied from year to year, but there was no statistical difference between 2002-2003 and 2009-2010.)
- FAISAL, M. & A. D. WINTERS 2011. Detection of viral hemorrhagic septicemia virus (VHSV) from *Diporeia* spp (Pontoporeiidae, Amphipoda) in the Laurentian Great Lakes, USA. ---- *Parasites & Vectors* 4-2, 4pp
- FAKSNES, L.-G., P. J. BRANDVIK, R. L. DAAE, F. LEIRVIK & J. F. BØRSETH 2011. Large-scale oil-in-ice experiment in the Barents Sea: Monitoring of oil in water and MetOcean interactions. ---- *Marine Pollution Bulletin* 62, 976-984. (*Gammarus setosus*.)
- FANELLI, E., J. E. CARTES, F. BADALAMENTI, G. d'ANNA, C. PIPITONE, E. AZZURRO, P. RUMOLO & M. SPROVIERI 2011. Meso-scale variability of coastal suprabenthic communities in the southern Tyrrhenian Sea (western Mediterranean). ---- *Estuarine, Coastal and Shelf Science* 91, 351-360.
- FANELLI, E., V. PAPIOL, J. E. CARTES, P. RUMOLO, C. BRUNET & M. SPROVIERI 2011. Food web structure of the epibenthic and infaunal invertebrates on the Catalan slope (NW Mediterranean): Evidence from $\delta^{13}C$ and $\delta^{15}C$ analysis. ---- *Deep-Sea Research I* 58, 98-109.
- FARLIN, J. P., L. S. LEWIS, T. W. ANDERSON & C. T. LAI 2010. Functional diversity in amphipods revealed by stable isotopes in an eelgrass ecosystem. ---- *Marine Ecology Progress Series* 420, 277-281. (A study from San Diego Bay, California.)
- FARRAPEIRA, C. M. R., D. de O. TENORIO & F. D. do AMARAL 2011. Vessel biofouling as an inadvertent vector of benthic invertebrates occurring in Brazil. ---- *Marine Pollution Bulletin*, in press.
- FAZALOVA, V., B. NEVADO, T. PERETOLCHINA, J. PETUNINA & D. SHERBAKOV 2010. When environmental changes do not cause geographic separation of fauna: differential responses of Baikalian invertebrates. ---- *BMC Evolutionary Biology* 10, 320-331 (i.a. *Gmelinoides fasciatus*)
- FINSTON, T. L., M. S. JOHNSON & B. KNOTT 2008. A new genus and species of stygobitic paramelitid amphipod from the Pilbara, Western Australia. ---- *Records of the Western Australian Museum* 24, 395-410. (*Kruptus linnaei* n. gen., n. sp. Earlier overlooked and still not seen.)
- FLECKENSTEIN, N., C. BUSCHBAUM & L. GUTOW 2011. *Go west: the role of invasive amphipods* Caprella mutica from East Asia in European coastal ecosystems. ---- 15. Deutschsprachige Crustaceologen.Tagung 7-10 April, Regensburg, Germany. (Not seen. Can somebody help me out?)
- FLORES, H., J.-A. v. FRANEKER, B. CISEWSKI, H. LEACH, A. P. VAN DE PUTTE, E. MEESTERS, U. BATHMANN & W. J. WOLFF 2011. Macrofauna under sea ice and in the open surface layer of the Lazarev Sea,

Southern ocean. ---- *Deep-Sea Research II*, in press (Amphipods listed in Table 2, mostly *Eusirus* and hyperiids. A pelago-sympagic mode of life is proposed for *Eusirus laticarpus*)

FLYNN, M. N., W. R. L. S. PEREIRA, R. C. PIRES & M. T. VALERIO-BERARDO 2009. Population dynamics of *Hyale nigra* (Haswell, 1879) (Amphipoda, Hyalidae) associated to *Bryocladia thyrsgera* (J. Agardh) at Peruipe beach, Itanhaém (SP), southeastern Brazil. ---- *Nauplius* 17, 1-8.

FOLEY, C. J., D. J. RYAN & T. O. HÖÖK 2010. Length reduction of larval Yellow Perch and freshwater amphipods in RNA later solution. ---- *North American Journal of Fisheries Management* 30, 1143-1148. (*Diporeia* amphipods shrank 3% after 2 months.)

FONG, D. W. 2011. Management of subterranean fauna in Karst. ????

FORD, T. D. 2011. *Limestone and caves in Wales*. ---- Cambridge University Press, not seen

FRANCE, R. L. 2011. Profundal-pelagic macrocrustacean abundance in boreal lakes before and after experimental clearcut logging. ---- *Environmental Research, Engineering and Management* (2011)-2, 5-10. (*Diporeia hoyi* is not negatively impacted by clearcutting.)

FRANCE, R. L. 2011. Non-harmonic covariation among life-history traits in amphipods (*Hyaella azteca*) and crayfish (*Orconectes virilis*) in Canadian boreal lakes. ---- *Journal of Ecology and the Natural Environment* 3, 205-209.

FRANCESCHI, N., L. BOLLACHE, S. CORNET, A. BAUER, S. MOTREUIL & T. RIGAUD 2010. Co-variation between the intensity of behavioural manipulation and parasite development time in an acanthocephalan-amphipod system. ---- *Journal of Evolution Biology* 23, 2143-2150. (*Pomphorhynchus laevis* in *Gammarus pulex*.)

FRANCESCHI, N., L. BOLLACHE, F. DECHAUME-MONCHARMONT, S. CORNET, A. BAUER, S. MONTREUIL & T. RIGAUD 2010. Variation between populations and local adaptation in acanthocephalan-induced parasite manipulation. ---- *Evolution* 64, 2417-2430. (*Pomphorhynchus laevis* in *Gammarus pulex*)

FRANCESCHI, N., J.-F. LEMAITRE, F. CÉZILLY & L. BOLLACHE 2010. Size-assortative pairing in *Gammarus pulex* (Crustacea: Amphipoda): a test of the prudent choice hypothesis. ---- *Animal Behaviour* 79, 911-916.

FRASER, C. I., R. NIKULA & J. M. WATERS 2010. Oceanic rafting by a coastal community. ---- *Proceedings of the Royal Society B*, in press (A New Zealand study.)

FUHRMANN, M. M., H. NYGÅRD, R. H. KRAPP, J. BERGE & I. WERNER 2011. The adaptive significance of chromatophores in the Arctic under-ice amphipod *Apherusa glacialis*. ---- *Polar Biology* 34, 823-832.

GABEL, F., M. T. PUSCH, P. BREYER, V. BURMEISTER, N. WALZ & X.-F. GARCIA 2011. Differential effect of wave stress on the physiology and behaviour of native versus non-native benthic invertebrates. ---- *Biological Invasions* 13, 1843-1853 (i.a. *Gammarus roeselii* vs *Dikerogammarus villosus*)

GABLE, M. F., E. A. LAZO-WASEM & A. J. BALDINGER 2011. The Amphipoda of Bermuda---A century of taxonomy. ---- *Zoologia Baetica* 21, 131-141.

GALIPAUD, M., F.-X. DECHAUME-MONCHARMONT, A. OUGHADOU & L. BOLLACHE 2011. Does foreplay matter? *Gammarus pulex* females may benefit from long-lasting precopulatory mate guarding. ---- *Biology Letters* 7, 333—335.

GALKIN, S. V., T. A. SAVILOVA, L. I. MOSKALEV & N. V. KUCHERUK 2010. Macrobenthos of the Novaya Zemlya Trough. ---- *Oceanology* 50, 933-944. (8 amphipods listed)

GARCIA-MADRIGAL, M. del S. 2010. Littoral Maeridae and Melitidae (Amphipoda: Gammaridea) from the Gulf of Tehuantepec, Mexico. ---- *Zootaxa* 2623, 1-51. (Deals with *Elasmopus temori*, *E. tubax*, *E. zoanthidea*, *E. bastidai* n. sp.,

E. karlae n. sp., *E. lecrovae* n. sp., *E. marcelae* n. sp., *E. oaxaquensis* n. sp., *Maera umarae* n. sp., *Quadrimaera chimarra*, *Q. reishi*, and *Melita bousfieldi* n. sp.. All material stems from the Gulf of Tehuantepec, Oaxaca province, Mexico.)

GASCA, R., E. SUAREZ-MORALES & C. FRANCO-GORDO 2010. New records of hyperiids (Amphipoda, Hyperiidea) from surface waters of the Central Mexican Pacific. ---- *Crustaceana* 83, 927-940. (Includes 18 new records for the area, bringing the total to 80 spp.)

GEBRUK, A. V., N. E. BUDAEVA & N. J. KING 2010. Bathyal benthic fauna of the Mid-Atlantic Ridge between the Azores and the Reykjanes Ridge. ---- *Journal of the Marine Biological Association UK* 90, 1-14. (No amphipods included)

GERHARDT, A. 2011. GamTox: a low-cost multimetric ecotoxicity test with *Gammarus* spp. For *In* and *Ex Situ* application. ---- *International Journal of Zoology* (2011), art. ID 574536, 7 pp.

GIBBS, V. K., K. A. BROWN, M. L. POWELL & S. A. WATTS 2011. Opportunistic predation of the sea urchin, *Lytechinus varuiegatus*, by the amphipod, *Elasmopus levis*, in an intensive inland culture system. ---- *Journal of the World Aquaculture Society* 42, 364-369. (Not seen)

GLAZIER, D. S. & T. J. DEPTOLA 2011. The amphipod *Gammarus minus* has larger eyes in freshwater springs with numerous fish predators. ---- *Invertebrate Biology* 130, 60-67.

GOLDING, L. A., U. BORGMANN & G. DIXON 2011. Modeling chronic dietary cadmium bioaccumulation and toxicity from periphyton to *Hyalella azteca*. ---- *Environmental Toxicology and Chemistry* 30, 1709-1720.

GONZALEZ, M. L., J. PÉREZ-SCHULTHEISS & D. A. LOPEZ 2011. Exotic amphipods in aquaculture systems: Presence and potential use. ---- *Crustaceana* 84, 769-775. (Not seen. *Jassa marmorata* most abundant.)

GONZALO, C., J. A. CAMARGO, L. MASIERO & S. CASELLATO 2010. Fluoride toxicity and bioaccumulation in the invasive amphipod *Dikerogammarus villosus* (Sowinsky, 1894): A laboratory study. ---- *Bulletin of Environmental Contamination and Toxicology* 85, 472-475.

GOROKHOVA, E., M. LÖF, H. HALDORSSON, M. LINDSTRÖM, U. TJÄRNLUND & B. SUNDELIN 2010. Assessing differential response of *Monoporeia affinis* to hypoxia and contaminants using multiple biomarkers of oxidative stress. ---- *Aquatic Toxicology* 99, 263-274.

GOSLER, A. M., U. KOPUZ & E. AGIRBAS 2010. Seasonal changes of invertebrate fauna associated with *Cystoseira barbata* facies of Southeastern Black Sea coast. ---- *African Journal of Biotechnology* 9, 8852-8859. (Amphipods listed on p. 8855)

GRABOWSKI, M. & T. MAMOS 2011. Contact zones, range boundaries, and vertical distribution of three epigean gammarids (Amphipoda) in the Sudeten and Carpathian mountains (Poland). ---- *Crustaceana* 84, 153-168. (Not seen. *Gammarus fossarum*, *G. balcanicus* and *G. leopoliensis*.)

GRADINGER, R. & B. BLUHM 2010. Timing of algal grazing by the Arctic nearshore benthic amphipod *Onisimus litoralis*. ---- *Arctic* 63, 261-379 (Not seen, unfortunately)

GREUTER, W., G. GARRITY, D. L. HAWKSWORTH, R. JAHN, P. KIRK, S. KNAPP, J. McNEIL, E. MICHEL, D. J. PATTERSON, R. PYLE & R. J. TINDALL 2011. Draft BioCode (2011): Principles and rules regulating the naming of organisms. ---- *Bulletin of Zoological Nomenclature* 68, 10-28

GRIFFITHS, C, T. ROBINSON & A. MEAD 2011. *The alien and cryptogenic marine crustaceans of South Africa*. ---- Pp 269-282 in B. S. Galil et al. (eds). In the wrong place—Alien marine crustaceans: distribution, biology and impacts. Invading Nature—Springer Series in Invasion Ecology 6. Springer Science + Business Media. (Seventeen amphipod spp listed on pp 271-272.)

- GRINTSOV, V. A. 2011. Morfologicheskie razlichiya samok rodov *Orchestia* i *Platorchestia* (Amphipoda, Talitridae) supralitorali Chernogo Morya (Krym). ---- *Zoologicheskii Zhurnal* 90, 143-148. (Data on *Orchestia gammarellus*, *O. mediterranea*, *O. montagui*, *O. stephensi* and *Platorchestia platensis*)
- GRINTSOV, V. & M. SEZGIN 2011. *Manual for identification of Amphipoda from the Black Sea*. ---- DigitPrint, Sevastopol, 151 pp (A most welcome identification tool for Black Sea amphipods, especially as it is entirely in English. With some data on ecology, and a series of colour pictures by the first author.)
- GUBANOV, M. V., E. S. ZADEREEV & A. G. DEGERMENDZHY 2010. Chemical interactions between two dominant species in Lake Shira: *Gammarus lacustris* Sars (Crustacea: Amphipoda) and *Arctodiaptomus salinus* Daday (Crustacea: Copepoda). ---- *Doklady Biological Sciences* 434, 318-321.
- GUERRA-GARCIA, J.M., E. BAEZA-ROMANO, M. P. CABEZAS & J. C. GARCIA-GOMEZ 2010. Vertical distribution and seasonality of peracarid crustaceans associated with intertidal macroalgae. ---- *Journal of Sea Research* 65, 256-264.
- GUERRA-GARCIA, J. M., M. P. CABEZAS, E. BAEZA-ROMANO & J. C. GARCIA-GOMEZ 2010. Spatial patterns and seasonal fluctuations of intertidal macroalgal assemblages from Tarifa Island, southern Spain: relationship with associated Crustacea. ---- *Journal of the Marine Biological Association UK*, in press.
- GUERRA-GARCIA, J. M., M. P. CABEZAS, E. BAEZA-ROMANO & J. C. GARCIA-GOMEZ 2010. Na, K, Ca and Mg of intertidal caprellids (Crustacea: Amphipoda). ---- *Marine Biology Research* 6, 321-326.
- GUERRA-GARCIA, J. M., M. P. CABEZAS, E. BAEZA-ROMANO, I. PACIOS & J. C. GARCIA-GOMEZ 2010. Carbon, nitrogen, hydrogen and sulphur components of intertidal caprellids (Crustacea) from Southern Spain. ---- *Aquatic Biology* 8, 39-43.
- GUERRA-GARCIA, J. M., T. GANESH, M. JAIKUMAR & A. V. RAMAN 2010. Caprellids (Crustacea: Amphipoda) from India. ---- *Helgoland Marine Research* 64, 297-310. (Deals with *Jigurru longimanus* n. sp. (Vellapati near Tuticorin), *Haemiaegina minuta*, *Metaprotella excentrica*, and *Paracaprella pusilla*.)
- GUERRA-GARCIA, J. M. & D. IZQUIERDO 2010. Caprellids (Crustacea: Amphipoda) associated with the intertidal alga *Corallina elongata* along the Iberian Peninsula. ---- *Marine Biodiversity Records* 3.
- GUERRA-GARCIA, J. M., M. ROS, A. DUGO-COTA, V. BURGOS, A. M. FLORES-LEÓN, E. BAEZA-ROJANO, M. P. CABEZAS & J. NÚÑEZ 2011. Geographical expansion of the invader *Caprella scaura* (Crustacea: Amphipoda: Caprellidae) to the East Atlantic coast. ---- *Marine Biology*, in press (Recently found in numbers in SW Spain (Cadiz) and on Tenerife in the Canary Islands.)
- GUERRA-GARCIA, J. M., M. ROS, I. GORDILLO, M. P. CABEZAS, E. BAEZA-ROMANO, D. IZQUIERDO, J. CORZO, J. DOMINGUEZ & S. VARONA 2011. Distribution patterns of intertidal and shallow water caprellids associated with macroalgae along the Iberian Peninsula. ---- *Zoologia Baetica* 21, 101-129. (With many data on the ecology of the species involved)
- GUERRA-GARCIA, J. M., A. RUIZ-TABARES, E. BAEZA-ROMANO, M. P. CABEZAS, J. J. DIAZ-PAVON, I. PACIOS, M. MAESTRE, A. R. GONZALEZ, F. ESPINOSA & J. C. GARCIA-GOMEZ 2010. Trace metals in *Caprella* (Crustacea: Amphipoda). A new tool for monitoring pollution in coastal areas? ---- *Ecological Indicators* 10, 734-743.
- GUKOV, A. Yu. 2011. Monitoring of the bottom biocenoses of the Novosibirsk polynya. ---- *Oceanology* 51, 443-448. (Originally published in Russian)
- GUZIK, M. T., A. D. AUSTIN, S. J. B. COOPER, M. S. HARVEY, W. F. HUMPHREY, T. BRADFORD, S. M. EBERHARD, R. A. KING, R. LEYS, K. A. MUIRHEAD & M. TOMLINSON 2010. Is the Australian

subterranean fauna uniquely diverse? ---- *Invertebrate Systematics* 24, 407-418. (The authors answer is 'probably yes', although other little studied parts of the southern hemisphere may also turn out to be very rich in this respect.)

GUZIK, M. T., S. J. B. COOPER, W. F. HUMPHREYS, S. ONG, T. KAWAKAMI & A. D. AUSTIN 2011. Evidence for population fragmentation within a subterranean aquatic habitat in the Western Australian desert. ---- *Heredity*, in press.

HALLBERG, E. & M. SKOG 2010. *Chemosensory sensilla in crustaceans*. ---- Pp 103-121 in T. Breithaupt & M. Thiel (eds). Chemical communication in Crustaceans. Springer Science & Business Media.

HARRIS, L., R. NEL, M. SMALE & D. SCHOEMAN 2011. Swashed away? Storm impacts on sandy beach macrofaunal communities. ---- *Estuarine, Coastal and Shelf Science*, in press. (A South African study)

HARTKE, T. R., C. FISER, F. HOHAGEN, S. KLEBER, R. HARTMANN & S. KOENEMANN 2011. Morphological and molecular analyses of closely related species in the stygobiont genus *Niphargus* (Amphipoda). ---- *Journal of Crustacean Biology*, in press. (A study of *N. aquilex*, *N. fontanus* and *N. schellenbergi*, compared with *N. virei* and *N. rhenorhodanensis*. The first three species are 'good species', and a key is provided.)

HARTLAND, A., G. D. FENWICK & S. J. BURY 2011. Tracing sewage-derived organic matter into a shallow groundwater food web using stable isotope and fluorescence signatures. ---- *Marine & Freshwater Research* 62, 119-129. (With data on *Paraleptamphopus*. Not seen)

HARVEY, M. S., M. G. RIX, V. W. FRAMENAU, Z. R. HAMILTON, M. S. JOHNSON, R. J. TEALE, G. HUMPHREYS & W. F. HUMPHREYS 2011. Protecting the innocent: studying short-range endemic taxa enhances conservation outcomes. ---- *Invertebrate Systematics* 25. 1-10. (Data from the Pilbara region, W. Australia)

HAVERMANS, C., Z. T. NAGY, G. SONET, C. DE BROYER & P. MARTIN 2010. DNA barcoding reveals new insights into the diversity of Antarctic species of *Orchomene sensu lato* (Crustacea: Amphipoda: Lysianassoidea). ---- *Deep Sea Research II* 58, 230-241. (Studies on the orchomenid complex of taxa in the Southern Ocean. Cryptic species were suspected in 4 cases, and *Orchomenella pinguides* is split in two species, *O. pinguides* and *O. lobata* (transferred from *Allogaussia*, and earlier synonymized with *O. pinguides*).)

HAY, M. E. 2010. *Crustaceans as powerful models in aquatic chemical ecology*. ---- Pp 41-62 in T. Breithaupt & M. Thiel (eds). Chemical communication in Crustaceans. Springer Science & Business Media.

HEGNA, T. & E. A. LAZO-WASEM 2010. *Micro-CT investigation of a new genus and species of Amphipoda (Crustacea: Malacostraca: Talitridae) preserved in amber from the Lower Miocene of Chiapas, Mexico*. ---- Geological Society of America, Denver Annual Meeting, Paper 270-5. (A blind talitrid, close to *Cerrorchestia*.)

HELLUY, S. & F. THOMAS 2010. Parasitic manipulation and neuroinflammation. Evidence from the sustem *Microphallus papillorobustus* (Trematoda)—*Gammarus* (Crustacea). ---- *Parasites & Vectors* 3-38, 11 pp (The *Gammarus* is *G. insensibilis*)

HEKMATARA, M., A. SARI & M.-H. HEIDARY BALADEH 2011. Two new *Gammarus* species (Crustacea: Amphipoda: Gammaridae) from Zagros Mountains, Iraqn. ---- *Zootaxa* 2894, 39-57. (*G. hegmatanensis* n. sp. and *G. sirvanus* n. sp.)

HESELSCHWERDT, J. 2009. *Impacts of invasive amphipods on the local benthic fauna and leaf litter decomposition*. ---- PhD Thesis, University of Konstanz, not seen.

HOGG, O. T., D. K. A. BARNES & H. J. GRIFFITHS 2011. Highly diverse, poorly studied and uniquely threatened by climate change: An assessment of marine biodiversity on South Georgia's continental shelf. ---- *PLOS One* 6-5, 16 pp

- HOLSINGER, J. R. 2009. Three new species of the subterranean amphipod genus *Stygobromus* (Crangonyctidae) from the District of Columbia, Maryland, and Virginia. ---- *Virginia Museum of Natural History Memoir* (2009), 261-276. (The new species are *S. hubbardi*, *S. mausi* and *S. sextarius*.)
- HOLSINGER, J. R., L. MEADOR ANSELL & J. SHAFER 2011. Four new species of the subterranean amphipod genus *Stygobromus* (Amphipoda: Crangonyctidae) from shallow groundwater habitats on the Coastal Plain and eastern margin of the Piedmont in Maryland and Virginia, USA. ---- *Zootaxa* 2972, 1-21. (Deals with *Stygobromus caecilius* n. sp. (Cecil Co., Maryland), *S. felleri* n. sp. (ibidem), *S. paxillus* n. sp. (Baltimore Co., Maryland) and *S. foliatus* n. sp. (Charles Co., Virginia). All four species have Holsinger as sole author.)
- HOP, H., C. J. MUNDY, M. GOSSELIN, A. L. ROSSNAGEL & D. G. BARBER. 2011. Zooplankton boom and ice amphipod bust below melting sea ice in the Amundsen Gulf, Arctic Canada. ---- *Polar Biology*, in press.
- HORTON, T. & M. THURSTON 2011. *Centromedon zoe* (Crustacea: Amphipoda: Lysianassoidea; Uristidae), a new deep-water scavenger species from the North Atlantic, with a key to the genus *Centromedon*. ---- *Zootaxa* 2869, 54-62. (*Uristes typhlops mediator* is upgraded to a full species, and *Orchomenella laevis* is transferred to *Centromedon*. *Tryphosella abyssi* is considered a species dubia; it may also belong in *Centromedon*.)
- HOSONO, T. 2011. Effect of temperature on growth and maturation pattern of *Caprella mutica* (Crustacea, Amphipoda): does the temperature-size rule function in caprellids? ---- *Marine Biology, Berlin* 158, 363-370.
- HOSONO, T., H. TANAKA & Y. SAKURAI 2010. First-instar juveniles of six caprellids in the genus *Caprella* (Crustacea, Amphipoda) from the Pacific coast of southern Hokkaido, Japan. ---- *Species Diversity* 15, 25-40. (Deals with *C. acanthogaster*, *C. alaskana*, *C. bispinosa*, *C. cristibrachium*, *C. mixta* and *C. mutica*.)
- HOLTCAMP, W. 2010. The tiniest catch. ---- *Nature* 468, 26-27 (*Themisto libellula* in the Bering Sea.)
- HOU, Z. & S. LI 2010. Intraspecific or interspecific variation: delimitation of species boundaries within the genus *Gammarus* (Crustacea, Amphipoda, Gammaridae), with description of four new species. ---- *Zoological Journal of the Linnean Society* 160, 215-253. (*Gammarus* from all over China were analyzed molecularly, and 4 new species described (*Gammarus* spp 1-4 in Hou, Fu & Li 2007): *Gammarus illustris* n. sp. (Wuxu Lake, Sichuan Prov.), *G. clarus* n. sp. (Jumahe River, Hebei Prov.), *G. hypolithicus* n. sp. (Baishishan mtn, Hebei Prov.), and *G. parvioculus* n. sp. (Tongdong Cave, Beijing).)
- HUANG, J. P., J. B. McCLINTOCK, C. D. AMSLER & Y. M. HUANG 2008. Mesofauna associated with the marine sponge *Amphimedon viridis*. Do its physical or chemical attributes provide a prospective refuge from fish predation? ---- *Journal of Experimental Marine Biology and Ecology* 362, 95-100. (Associated amphipods are *Laticorophium baconi*, *Elasmopus levis*, *Ericthonius brasiliensis* and *Bemlos setosus*.)
- HUFF, T. M. 2011. Effects of human trampling on macro- and meiofauna communities associated with intertidal algal turfs and implication for management of protected areas on rocky shores (Southern California). ---- *Marine Ecology* 32, 335-345. (Amphipods not specified.)
- HUGHES, L. E. 2011. New species of *Hoho*, *Mallacoota* and *Parelasomopus* (Maeridae: Amphipoda) from Australian waters. ---- *Zootaxa* 2955, 1-76. (This important monograph deals with *Hoho carteta*, *H. cornishi*, *H. fenwicki* n. sp. (Port Stephens, NSW), *H. hirtipalma*, *H. kalbarri* n. sp. (Kalbarri, WA), *H. kangarooensis* n. sp. (Kangaroo island, SA), *H. lowryi* n. sp. (Batemans Bay, NSW), *H. marilla*, *H. tricarinata* n. sp. (Torabay Bay, WA), *H. wittecarra* n. sp. (Kalbarri, WA), *Mallacoota barnardi* n. sp. (Cocos Keeling Islands), *M. bulowara* n. sp. (Batemans Bay, NSW), *M. capricornia*, *M. chandaniae*, *M. diemenensis*, *M. euroka*, *M. insignis*, *M. kameruka*, *M. kummunyah* n. sp. (Beagle Gulf, NT), *M. maridwinae* n. sp. (Port Stephens, NSW), *M. nananui*, *M. penelope* n. sp. (Seal Islands, VA), *M. sirius* n. sp. (Norfolk Island), *M. worini* n. sp. (Port Stephens, NSW), *Parelasomopus aumogo* n. sp. (Norfolk Island), *P. cymatilis*, *P. dancaui*, *P. echo*, *P. sowpigenensis* and *P. cf suensis*.)
- HUGHES, L. E. & J. K. LOWRY 2011. The genus *Elasmopus* (Crustacea: Amphipoda: Maeridae) in Australian waters. ---- *Journal of Natural History* 45, 579-628. (Deals with *Elasmopus alalo*, *E. arafura* n. sp. (Arafura Sea, NT), *E. bollonsi*, *E. carteri* n. sp. (Ningaloo Reef, WA), *E. hooheno*, *E. hyperopia* n. sp. (Point Quobba, WA), *E. leveque* n. sp. (Cape Leveque,

WA), *E. mcluerensis* n. sp. (McCluer Island, NT), *E. menurte*, *E. otus* n. sp. (Forster, NSW), *E. shepherdii* n. sp. (Cape Northumberland, SA), *E. spinicarpus*, *E. spinidacylus*, *E. warra*, *E. woodjonesi* n. sp. (Pearson Island, SA) and *E. yunde*.)

HUMPHREYS, W. F. 2011. Management of groundwater species in karst environments. ----???

IANNILLI, V., A. MINELLI & S. RUFFO 2009. *Haploginglymus morenoi* (Crustacea, Amphipoda, Niphargidae), a new interstitial Iberian species with unusual maxilliped. ---- *Bolletino del Museo Civico di Storia Naturale di Verona* 33, 105-112. (*H. morenoi* n. sp. from Beceite, Aragon, Spain. The maxilliped palp ends spoon-like.)

IKKO, N. V. & O. S. LYUBINA 2010. Distribution of the genus *Gammarus* (Crustacea, Amphipoda) along the coast of Arctic fjords as an indicator of prevailing environmental conditions. ---- *Doklady Biological Sciences* 431, 149-151. (*G. duebeni*, *G. oceanicus*, *G. setosus* and *G. zaddachi*.)

IRIGOYEN, A. J., G. TROBBIANI, M. P. SGARLATTA & M. P. RAFFO 2011. Effects of the alien algae *Undaria pinnatifida* (Phaeophyceae, Laminariales) on the diversity and abundance of benthic macrofauna in Golfo Nuevo (Patagonia, Argentina): potential implications for local food webs. ---- *Biological Invasions* 13, 1521-1532.

ISMAIL, T. G. 2011. Coexistence of two species of haplosporidian parasites in a population of the marine amphipod *Parhyale hawaiiensis* with evidence for parasite phagocytosis and transmission mode. ---- *Journal of the Egyptian Society of Parasitology* 41, 227-241. (Not seen)

ISSARTEL, J., V. BOULO, S. WALLON, O. GEFFARD & G. CHARMANTIER 2010. Cellular and molecular osmoregulatory responses to cadmium exposure in *Gammarus fossarum* (Crustacea, Amphipoda). ---- *Chemosphere* 81, 701-710.

ITO, A., M. N. AOKI, K. YAHAYA & H. WADA 2011. Complicated evolution of the caprellid (Crustacea: Malacostraca: Peracarida: Amphipoda) body plan, reacquisition or multiple losses of the thoracic limbs and pleons. ---- *Development, Genes and Evolution*, in press. (A most intriguing paper, concluding that the Caprellidea can be divided into three clades: Caprellidae, Cyanidae and Caprogammaridae; Caprellinoididae and Phtisicidae; and Pariambidae and Protellidae. The caprogammarids use their abdomen in swimming.)

ITO, A., M. N. AOKI, S. YOKOBORI & H. WADA 2010. The complete mitochondrial genome of *Caprella scaura* (Crustacea, Amphipoda, Caprellidea), with emphasis on the unique gene order pattern and duplicated control region. ---- *Mitochondrial DNA* 21, 183-190. (Not seen)

IZQUIERDO, D. & J. M. GUERRA-GARCIA 2011. Distribution patterns of the peracarid crustaceans associated with the alga *Corallina elongata* along the intertidal rocky shores of the Iberian peninsula. ---- *Helgoland Marine Research* 65, 233-243.

JACOBSON, T., K. HOLMSTRÖM, G. YANG, A. T. FORD, U. BERGER & B. SUNDELIN 2010. Perfluorooctane sulfonate accumulation and parasite infestation in a field population of the amphipod *Monoporeia affinis* after microcosm exposure. ---- *Aquatic Toxicology* 98, 99-106.

JACOBSON, T., B. SUNDELIN, G. YANG & A. T. FORD 2010. Low dose TBT exposure decreases amphipod immunocompetence and reproductive fitness. ---- *Aquatic Toxicology*, in press. (Studies on *Monoporeia affinis*)

JAKUBAS, D., L. ILISZKO, K. WOJCZULANIS-JAKUBAS & L. STEMPNIEWICZ 2011. Foraging by little auks in the distant marginal sea ice zone during the chick-rearing period. ---- *Polar Biology*, in press. (Ice amphipods, *Apherusa glacialis*, are an important part of the food.)

JAMIESON, A. J., N. M. KILGALLAN, A. A. ROWDEN, T. FUJII, T. HORTON, A.-N. LÖRZ, K. KITAZAWA & I. G. PRIEDE 2011. Bait-attending fauna of the Kermadec Trench, SW Pacific Ocean: Evidence for an ecotone across the abyssal-hadal transition zone. ---- *Deep-Sea Research I* 58, 49-62. (14 amphipod species from the traps are listed in Table 3, p.55, all amphipods found from deeper than 4000m in the New Zealand EEZ are listed in Table 6, p. 58.)

JAMIESON, A. J., A.-N. LÖRZ, T. FUJII & I. G. PRIEDE 2011. *In situ* observations of trophic behaviour and locomotion of *Princaxelia* amphipods (Crustacea: Pandaliscidae) at hadal depths in four West Pacific trenches. ----

Journal of the Marine Biological Association UK, in press (*Princaxelia* turns out to be a predator of the smaller amphipods, attracted to bait)

JANSSEN, E. M.-L. & K. JANET 2011. PCB-induced changes of a benthic community and expected ecosystem recovery following in situ sorbent amendment. ---- *Environmental Toxicology*, in press.

JÄRV, L., J. KOTTA, I. KOTTA & T. RAID 2011. Linking the structure of benthic invertebrate communities and the diet of native and invasive fish species in a brackish water ecosystem. ---- *Annales Zoologici Fennici* 48, 129-141. (An Estonian study.)

JASCHINSKI, S., D. C. BREPOHL & U. SOMMER 2011. Seasonal variation in carbon sources of mesograzers and small predators in an eelgrass community: stable isotope and fatty acid analyses. ---- *Marine Ecology Progress Series* 431, 69-82. (A study from the Kieler fjord, with i.a. *Gammarus oceanicus*.)

JAZDZEWSKA, A. 2011. Soft bottom sublittoral amphipod fauna of Admiralty Bay, King George Island, Antarctic. ---- *Oceanological and Hydrobiological Studies* 40, 1-10.

JOHNSON, C. L., J. A. RUNGE, K. A. CURTIS, E. G. DURBIN, J. A. HARE, L. S. INCZE, J. S. LINK, G. D. MELVIN, T. D. O'BRIEN & L. VAN GUELPE 2011. Biodiversity and ecosystem function in the Gulf of Maine: Pattern and role of zooplankton and pelagic nekton. ---- *Plos One* 6-1, 1-18.

JONES, J. I., J. P. MURPHY, A. L. COLLINS, D. A. SEARS, P. S. NADEN & P. D. ARMITAGE 2011. The impact of fine sediment on macro-invertebrates. ---- *River Research and Applications*, in press.

JOYDAS, T. V., P. K. KRISHNAKUMAR, M. A. QURBAN, S. M. ALI, A. AL-SUWAILEM & K. AL-ABDULKADER 2011. Status of macrobenthic community of Manifa, Tanajib Bay System of Saudi-Arabia based on a once-off sampling event. ---- *Marine Pollution Bulletin* 62, 1249-1260.

JUAN, C., M. T. GUZIK, D. JAUME & S. J. B. COOPER 2010. Evolution in caves: Darwin's "wrecks of ancient life" in the molecular area. ---- *Molecular Ecology* 19, 3865-3880 (Not seen. Amphipods?)

JUST, J. 2011. *Australolestes* nom. nov. for *Austrolestes* Just, 1998 (Crustacea, Amphipoda, Ischyroceridae, Siphonoecetini) homonym of *Austrolestes* Tillyard, 1913 (Insecta, Odonata). ---- *Crustaceana* 84, 383.

KAIM-MALKA, R. A. 2010. The spatheform organ: a ballasting organ in Crustacean Peracarid species (Amphipods and Isopods). ---- *Memorie del Museo Civico di Storia Naturale di Verona*, 2. Serie, N20, 1-66. (A beautiful and important monograph on a little-known organ, the 'side line system' of peracarids, studied by SEM and TEM technology.)

KANGUR, K., M. KUMARI & M. HALDNA 2010. Consequences of introducing the invasive amphipod *Gmelinoides fasciatus* into large shallow Lake Peipsi: present distribution and possible effects on fish food. ---- *Journal of Applied Ichthyology* 26, Suppl. 2, 81-88. (*G. fasciatus* is dominant, while *Gammarus lacustris* and *Pallasea quadrispinosa* seem to be extinct.)

KARANOVA, M. V. & A. A. ANDREEV 2010. Free amino acids and reducing sugars in the freshwater shrimp *Gammarus lacustris* (Crustacea, Amphipoda) at the initial stage of preparation to winter season. ---- *Journal of Evolutionary Biochemistry and Physiology* 46, 335-340.

KEDRA, M., S. GROMISZ, R. JASKULA, J. LEGEZYNSKA, B. MACIEJEWSKA, E. MALEC, A. OPONOWSKI, K. OSTROWSKI, M. WLODARSKA-KOWALCZUK & J. M. WESLAWSKI 2010. Soft bottom macrofauna of an AB Taxa Biodiversity Site: Hornsund (77°N, Svalbard). ---- *Polish Polar Research* 31, 309-326.

KELLEY, N. E., E. K. SHEA, A. METAXAS, R. L. HAEDRICH & P. J. AUSTER 2010. Biodiversity of the deep-sea continental margin bordering the Gulf of Maine (NW Atlantic): Relationships among sub-regions and to shelf systems. ---- *PLoS One* 5-11, in press.

- KESTRUP, Å. M., J. T. A. DICK & A. RICCIARDI 2011. Interactions between invasive and native crustaceans: differential functional responses of intraguild predators towards juvenile hetero-specifics. ---- *Biological Invasions* 13, 731-737. (Not seen)
- KESTRUP, Å. M., S. H. THOMAS, K. v. RENSBURG, A. RICCIARDI & M. A. DUFFY 2011. Differential infection of exotic and native freshwater amphipods by a parasitic water mold in the St Lawrence River. ---- *Biological Invasions* 13, 769-779. (Not seen)
- KHAN, F. R., J. R. IRVING, N. R. BURY & C. HOGSTRAND 2011. Differential tolerance of two *Gammarus pulex* populations transplanted from different metallogenic regions to a polymetal gradient. ---- *Aquatic Toxicology*, in press.
- KI, J.-S., H.-U. DAHM, I.-C. KIM, H. G. PARK, H. HOP & J.-S. LEE 2011. Molecular relationships of gammaridean amphipods from Arctic sea ice. ---- *Polar Biology*, in press (An interesting paper, showing i.a. that the genetic distance between *Onisimus glacialis* and *O. nansenii* is small, but that *Gammarus wilkitzkii* is clearly an independent species.)
- KILGALLEN, N. M. & S. T. AHYONG 2011. The genus *Mallacoota* (Crustacea, Amphipoda, Maeridae) in New Zealand. ---- *Zootaxa* 2929, 22-36. (Deals with *M. chiltoni* n. sp. (Chatham Islands) and the revived species *M. petriei* (Thomson, 1882), originally described as *Maera petriei*.)
- KILPERT, F. & L. PODSIADLOWSKI 2010. The mitochondrial genome of the Japanese skeleton shrimp *Caprella mutica* (Amphipoda: Caprellidea) reveals a unique gene order and shared apomorphic translocations with Gammaridea. *Mitochondrial DNA* 21, 77-86. (Not seen)
- KIM, M.-S., K.-S. LEE & G.-S. MIN 2010. Finding of a new freshwater gammarid (*Gammarus gageoensis*) from South Korea. ---- *Animal Cells and Systems* 14, 59-71. (Deals with *Gammarus gageoensis* n. sp. from Gageodo Island, S. Korea)
- KIM, M.-S. & G.-S. MIN 2010. First record of terrestrial talitrid amphipod (Crustacea: Amphipoda: Talitridae) from Korea. ---- *Korean Journal of Systematic Zoology* 26, 93-98. (First Korean record of *Platorchestia japonica*. A key to the 4 Korean spp of *Platorchestia* is provided.)
- KIM, Y.-H., E. A. HENDRYCKS & K.-S. LEE 2010. A new species and new record of the Amphilochidae (Crustacea: Amphipoda) from Korea. ---- *Zootaxa* 2477, 21-36. (Deals with *Houstonius geojeensis* n. sp. (Geoje Island), with a key to N. Pacific *Houstonius* spp, and *Paramphilochus parachelatus*, new to Korea.)
- KIM, Y.-H. & K.-S. LEE 2010. *Gammaropsis utinomii* new to Korea (Crustacea: Amphipoda: Photidae). ---- *Korean Journal of Systematic Zoology* 26, 165-170.
- KNIGHT, L. R. F. D. & T. GLEDHILL 2010. The discovery of *Microniphargus leruthi* Schellenberg, 1934 (Crustacea: Niphargidae) in Britain and its distribution in the British Isles. ---- *Zootaxa* 2655, 52-56.
- KNOX, M. A., I. D. HOGG & C. A. PILDITCH 2011. The role of vicariance and dispersal on New Zealand's estuarine biodiversity: the case of *Paracorophium* (Crustacea: Amphipoda). ---- *Biological Journal of the Linnean Society* 103, 863-874. (Both NZ species consist of several cryptic taxa at species level.)
- KOBAYASHI, Y., G. ACHAZ & A. TELSCHOW 2011. Effect of parasitic sex-ratio distorters on host gene frequencies in a mainland-island context. ---- *Journal of Evolutionary Biology*, in press.
- KOEHL, M. A. R. 2010. *Hydrodynamics of sniffing by crustaceans*. ---- Pp 85-102 in T. Breithaupt & M. Thiel (eds). Chemical communication in crustaceans. Springer Science + Business Media
- KOEHLER, A. V. & R. POULIN 2010. Host partitioning by parasites in an intertidal crustacean community. ---- *Journal of Parasitology* 96, 862-868. (A New Zealand study. The amphipods concerned are *Paracalliope novizealandiae* and *Transorchestia chileensis*.)

- KONTARAKIS, Z., A. PAVLOPOULOS, A. KIUPAKIS, N. KONSTANDINIDES, V. DIOURIS & M. AVEROF 2011. A versatile strategy for gene trapping and trap conversion in emerging model organisms. ---- *Development* 138, 2625-2630. (Studies on *Parhyale hawaiiensis*. Not seen)
- KOPLOVITZ, G., J. B. McCLINTOCK, C. D. AMSLER & B. J. BAKER 2009. Palatability and chemical anti-predatory defenses in common ascidians from the Antarctic Peninsula. ---- *Aquatic Biology* 7, 81-92. (*Gondogeneia antarctica* one of the test organisms.)
- KORBEL, K. L. & G. C. HOSE 2011. A tiered framework for assessing groundwater ecosystem health. ---- *Hydrobiologia* 661, 329-349.
- KORNOBIS, E., S. PÁLSSON, B. K. KRISTJÁNSSON & J. SVAVARSSON 2010. Molecular evidence of the survival of subterranean amphipods (Arthropoda) during Ice Age underneath glaciers in Iceland. ---- *Molecular Ecology* 19, 2516-2530. (Not seen)
- KORNOBIS, E., S. PÁLSSON, D. A. SIDOROV, J. R. HOLSINGER & B. K. KRISTJÁNSSON 2011. Molecular taxonomy and phylogenetic affinities of two groundwater amphipods, *Crangonyx islandicus* and *Crymstygius thingvallensis*, endemic to Iceland. ---- *Molecular Phylogenetics and Evolution* 58, 527-539.
- KORPINEN, S. & M. WESTERBOM 2010. Microhabitat segregation of the amphipod genus *Gammarus* (Crustacea: Amphipoda) in the northern Baltic Sea. ---- *Marine Biology*, in press. (Not seen)
- KOTTA, J., H. ORAV-KOTTA, K. HERKÜL & I. KOTTA 2011. Habitat choice of the invasive *Gammarus tigrinus* and the native *Gammarus salinus* indicates weak interspecific competition. ---- *Boreal Environment Research* 16, Suppl. A, 64-72.
- KRAMER, M. & R. KIKO 2011. Brackish meltponds on Arctic sea ice—a new habitat for marine metazoans. ---- *Polar Biology* 34, 603-608. (*Apherusa glacialis*)
- KRAPP-SCHICKEL, T. 2009. On Austral-Antarctic Stenothoidae sensu lato (Crustacea, Amphipoda) with description of *Sandrothoe eucla* sp. nov.. ---- *Mitteilungen Hamburg Zoologisches Institut & Museum* 106, 7-25. (Deals with *Goratelson woka* (transferred from *Stenothoe*), *Probolisca elliptica*, *P. nasutigenes*, *P. ovata* (with *Paraprobolisca leptopoda* as probable junior synonym), *Prometopa tuberculata*, and *Sandrothoe eucla* n.sp. (Eucla, W. Australia).)
- KRAPP-SCHICKEL, T. 2011. On the Austral-Antarctic stenothoids *Proboloides*, *Metopoides*, *Torometopa* and *Scaphodactylus* (Crustacea Amphipoda). Part 2: the genus *Proboloides*, with description of two new genera and the transfer of two nominal species to *Metopoides*. ---- *ZooKeys* 86, 11-45. (Part 2 of this important revision. The genus *Malvinometopa* is erected for *Proboloides porcellanus*, redescribed here. *Proboloides typicus* is redescribed and transferred to *Metopoides*. *Proboloides stephensi* is also redescribed; it turns out to be a junior synonym of *Metopoides rotundus* (Stebbing, 1917), originally described in *Metopa*. *Proboloides holmesi* is redescribed and provisionally retained in that genus. The situation of *Proboloides typicamimus* is as yet uncertain; it probably does not belong in *Proboloides*. *Stenothoe aequicornis* (redescribed here) turns out to belong in *Proboloides*. *Victometopa rorida* n. gen., n. sp. (Bass Strait) becomes the type of the new genus, *Victometopa*, to which probably also *Proboloides armata* belongs. A cladistic analysis is presented, as well as keys to *Proboloides* (9 spp) and *Metopoides* (15 spp). *P. tundus* and *P. pacificus* may well be synonymous.)
- KRAPP, T., R. GRASSO & S. RUFFO 2011. New data on the genus *Jassa* Leach (Amphipoda, Ischyroceridae). ---- *Zoologia Baetica* 21, 85-100. (Deals with an unnamed species, found in thermal waters in Sardinia, and with *J. trinacriae* n. sp from a Sicilian cave 175m above sea level!)
- KRAPP-SCHICKEL, T., J. M. GUERRA-GARCIA, E. BAEZA-ROJANO & M. P. CABEZAS. 2010. Taxonomy and ecology of some gammaridean species (Crustacea: Amphipoda) from Tarifa Island, southern Spain. ---- *Journal of the Marine Biological Association UK* 91, 447-453. (Deals with *Ampithoe ferox*, *Apherusa mediterranea*, *Hyale spinidactyla*, *H. cf youngi*, and *Jassa cadetta*.)
- KRAPP-SCHICKEL, T. & F. KRAPP 2010. Sandro Ruffo, 24 August 1915-7 May 2010. ---- *Journal of Crustacean Biology* 30, 778-789. (An In Memoriam, followed by lists of published papers of Sandro Ruffo, of species described by Sandro Ruffo, and of taxa dedicated to him.)

- KRAPP-SCHICKEL, T. & F. KRAPP 2011. In Memoriam. Angelo Libertini (1957-2010). ---- *Zoologia Baetica* 21, 197-199.
- KRAPP-SCHICKEL, T. & F. KRAPP 2011. In Memoriam. Sandro Ruffo (1915-2010). ---- *Zoologia Baetica* 21, 207-215. (With a list of all amphipods described by Sandro Ruffo)
- KREBES, L., M. BLANK, J. FRANKOWSKI & R. BASTROP 2010. Molecular characterisation of the Microsporidia of the amphipod *Gammarus duebeni* across its natural range revealed hidden diversity, wide-ranging prevalence and potential for co-evolution. ---- *Infection, Genetics and Evolution* 10, 1027-1038. (Microsporidia were present in 91% of all examined specimens.)
- KRÖNCKE, I. 2011. Changes in Dogger Bank macrofauna communities in the 20th century caused by fishing and climate. ---- *Estuarine, Coastal and Shelf Science*, in press. (There is a clear decrease of ‘sand-licking amphipods’, primarily *Bathyporeia* spp., in later years.)
- KROUPALOVA, V., J. BOJKOVA, J. SCHENKOVA, P. PARIL & M. HORSÁK 2010. Small-scale distribution of aquatic macroinvertebrates in two spring fens with different groundwater chemistry. ---- *International Review of Hydrobiology* 96, 235-256.
- KUBICEK, A., K. BESSHO, M. NAKAOKA, M. WAHL & M. LENZ 2011. Inducible defense and its modulation by environmental stress in the red alga *Chondrus yendoi* (Yamada and Mikami in Mikami, 1965) from Honshu Island, Japan. ---- *Journal of Experimental Marine Biology and Ecology* 397, 208-212.
- KUKLIN, V. V. & M. A. MASLICH 2011. Parasitic fauna of crustaceans of the family Gammaridae on the Murman coast of the Barents Sea. ---- *Doklady Biological Sciences* 417, 709-711. (Data on parasites from *Gammarus duebeni*, *G. oceanicus* and *Marinogammarus obtusatus*.)
- LABAT, F., C. PISCART & B. FONTAN 2011. First records, pathways and distributions of four new Ponto-Caspian amphipods in France. ---- *Limnologica*, in press. (Deals with *Dikergammarus bispinosus*, *D. haemobaphes*, *Echinogammarus ischnus* and *E. trichiatus*, all found for the first time in France.)
- LACAZE, E., A. DEVAUX, G. JUBEAUX, R. MONS, M. GARDETTE, S. BONY, J. GARRIC & O. GEFFARD 2011. DNA damage in *Gammarus fossarum* sperm as a biomarker of genotoxic pressure: intrinsic variability and reference level. ---- *Science of the Total Environment*, in press. (Not seen)
- LACAZE, E., A. DEVAUX, R. MONS, S. BONY & J. GARRIC 2011. DNA damage in caged *Gammarus fossarum* amphipods: A tool for freshwater assessment. ---- *Environmental Pollution* 159, 1682-1691.
- LACAZE, E., O. GEFFARD, S. BONY & A. DEVAUX 2010. Genotoxicity assessment in the amphipod *Gammarus fossarum* by use of the alkaline Comet assay. ---- *Mutation Research* 700, 32-38. (Not seen)
- LACAZE, E., O. GEFFARD, D. GOYET, S. BONY & A. DEVAUX 2011. Linking genotype responses in *Gammarus fossarum* germ cells with reproduction impairment, using the Comet assay. ---- *Environmental Research* 111, 626-634.
- LAGRUE, C., N. KALDONSKI, S. MOTREUIL, T. LEFÈVRE, O. BLATTER, P. GIRAUD & L. BOLLACHE 2011. Interspecific differences in drift behaviour between the native *Gammarus pulex* and the exotic *Gammarus roeseli* and possible implications for the invader’s success. ---- *Biological Invasions* 13, 1409-1421. (Contrary to *G. pulex*, *G. roeseli* shows a marked diel periodicity, with high nocturnal and low diurnal drift.)
- LARSEN, P. F. 2010. The macroinvertebrate fauna of Rockweed (*Ascophyllum nodosum*)-dominated low-energy rocky shores of the northern Gulf of Maine. ---- *Journal of Coastal Research*, in press (Amphipods listed on p. 9; *Gammarus obtusatus* is one of the dominant species.)

LASLEY-RASHER, R. S., D. B. RASHER, Z. H. MARION, R. B. TAYLOR & M. E. HAY 2011. Predation constrains host choice for a marine mesograzer. ---- *Marine Ecology Progress Series* 434, 91-99. (A New Zealand study, featuring *Aora typica*.)

LATELLA, L. & B. SAMBUGAR 2011. Sandro Ruffo. Remind of a master. August 26, 1915-M27 7, 2010. ---- *Subterranean Biology* 8, 69-70.

LEBRUN, J. D., M. PERRET, E. UHER, M.-H. TUSSEAU-VUILLEMIN & C. GOURLAY-FRANCE 2011. Waterborne nickel accumulation in *Gammarus pulex*: comparison of mechanistic models and influence of water cationic composition. ---- *Aquatic Toxicology* 104, 161-167.

LeCROY, S. E. 2011. *An illustrated identification guide to the nearshore marine and estuarine gammaridean Amphipoda of Florida. Vol. 5. Families Leucothoidae, Liljeborgiidae, Neomegamphopidae, Ochlesidae, Phliantidae, Phoxocephalidae, Platyschmopidae, Pleustidae, Podoceridae, Pontoporeiidae, Sebidae, Stenothoidae, Synopiidae and Talitridae.* ---- Florida Department of Environmental Protection, Division of Environmental Assessment and Restoration, Tallahassee, Florida, pp 615-816. (The last part of the wonderful series of identification guides produced by Sara LeCroy. It must be great to live in Florida as an amphipod worker!!)

LEE, K.-S. & S.-S. HONG 2010. A new species of the genus *Perotripus* (Crustacea: Amphipoda: Caprellidae) from Korea. ---- *Animal Cells and Systems* 14, 53-58. (*Perotripus koreanus* n. sp. from off south coast of S. Korea)

LEEWIS, R. J. & A. GITTENBERGER 2011. Assessing the vulnerability of Dutch water bodies to exotic species: A new methodology. ---- *Current Zoology*, in press.

LEIJES, R., A. BLOECHL & S. KOENEMANN 2011. *Bogidiella veneris*, a new species of subterranean Amphipoda (Bogidiellidae) from Australia, with remarks on the systematics and biogeography. ---- *Journal of Crustacean Biology* 31, 566-575. (*B. veneris* n. sp. from a well at Venus Bay, S. Australia.)

LENZ, M., B. A. P. da GAMA, N. V. GERNER, J. GOBIN, F. GRÖNER, A. HARRY, S. R. JENKINS, P. KRAUFVELIN, C. MUMMELTHEI, J. SAREYKA, E. A. XAVIER & M. WAHL 2011. Non-native marine invertebrates are more tolerant towards environmental stress than taxonomically related native species: results from a globally replicated study. ---- *Environmental Research*, in press. (One of five pairs of compared species is *Gammarus zaddachi* (native) and *G. tigrinus*.)

LERCARI, D., L. BERGAMINO & O. DEFEO 2010. Trophic models in sandy beaches with contrasting morphodynamics: Comparing ecosystem structure and biomass flow. ---- *Ecological Modelling* 221, 2751-2759. (A study from Uruguay)

LIBER, K., L. E. DOIG & S. L. WHITE-SOBEY 2011. Toxicity of uranium, molybdenum, nickel, and arsenic to *Hyalella azteca* and *Chironomus dilutus* in water-only and spiked-sediment toxicity tests. ---- *Ecotoxicology and Environmental Safety*, in press

LIBERTINI, A. & M. RAMPIN 2009. A molecular cytogenetic study of some Icelandic amphipods (Crustacea) by fluorescence *in situ* hybridization (FISH). ---- *The Open Zoology Journal* 2, 109-116.

LINDSAY, D. & F. PAGÈS 2010. *Voragonema tatsunoko* (Trachymedusae: Rhopalonematidae), a new species of benthopelagic medusa, host to the hyperiid amphipod *Mimoneustes spandli* (Physosomata: Mimoneuctidae). ---- *Zootaxa* 2671, 31-39. (This is the first record of this amphipod as an associate and also the first outside the Atlantic.)

LOPEZ, S, Y. DIAZ, K. NORRIS & A. CABRERA 2010. (Lipids in the amphipod *Talorchestia margaritae* (Amphipoda: Talitridae) and their relation with the ecology of the species.) ---- *Revista de Biología Tropical* 58, 841-855. (In Spanish, not seen)

LÖRZ, A. N. 2010. Pacific Epimeriidae (Amphipoda: Crustacea). ---- *Journal of the Marine Biological Association UK* 91, 471-477. (*Epimeria norfanzi* n. sp. from the West Norfolk Ridge, 1268m. A synopsis of Pacific *Epimeria* and an identification key are provided.)

LÖRZ, A. N. 2011. Trench treasures: the genus *Princaxelia* (Pardaliscidae, Amphipoda). ---- *Zoologia Baetica* 21, 65-84. (*P. jamiesoni* n. sp. from the Japan Trench, 7700m). The differences between the 4 described *Princaxelia* spp are discussed, and a key provided.)

LÖRZ, A.-N. & R. N. BAMBER 2010. Peracarid crustacean assemblages of benthic soft sediments around Moreton Island, Queensland. ---- *Memoirs of the Queensland Museum-Nature* 54, 385-399 (Not seen)

LOVALVO, D., R. S. CLINGENPEEL, S. MCGINNIS, R. E. MACUR, J. D. VARLEY, W. P. INSKEEP, J. GLIME, K. NEALSON & T. R. McDERMOTT 2010. A geothermal-linked biological oasis in Yellowstone Lake, Yellowstone National Park, Wyoming. ---- *Geobiology* 8, 327-336. (*Gammarus* and *Hyaella*)

LOWRY, J. K. 2011. *Dana*, replacement name for the New Zealand talitrid amphipod genus *Tara* Duncan, 1994 (Crustacea, Amphipoda, Talitridae), preoccupied by *Tara* Peckham & Peckham, 1886 (Araneae, Salticidae, Amicini, Astiini). ---- *Zootaxa* 2912, 68.

LOWRY, J. K. & C. O. COLEMAN 2011. *Africorchestia* a new genus of sand-hoppers (Crustacea: Amphipoda: Talitridae). ---- *Zootaxa* 2825, 55-68. (The genus is erected with *Orchestia spinifera* as the generotype, and contains otherwise *Orchestia fischeri*, *Talorchestia quadrispinosa*, *Talorchestia skoogi* and *T. tricornuta*. The species are redescribed (except the still enigmatic *A. fischeri*) and a key provided.)

LOWRY, J. K. & H. E. STODDART 2011. The new deep-sea families Cebocaridae fam. nov., Cyclocaridae fam. nov. and Thoriellidae fam. nov. (Crustacea: Amphipoda: Lysianassoidea). ---- *Zootaxa* 2747, 53-68. (A new issue in the ongoing review of the Lysianassoidea by these authors. The Cebocaridae n. fam. contain, besides the type genus *Cebocaris*, the genera *Crybelocephalus*, *Crybelocyphocaris*, *Cyphocarioides*, *Mesocyclocaris*, *Mesocyphocaris*, *Metacyclocaris*, *Metacyphocaris* and *Paracyphocaris*. *Metacyphocaris helgae* is redescribed. The Cyclocaridae n. fam. are monotypic, *Cyclocaris guilelmi* and *C. tahitiensis* are partly redescribed. The Thoriellidae contain, besides the type genus *Thoriella*, the genera *Chevreuxiella*, *Danaella* and *Parachevreuxiella*. *Parachevreuxiella justii* n. sp. was collected from S. of Pt Hicks, Victoria, Australia, at 1720m. Keys to the genera of Cebocaridae and Thoriellidae are provided.)

LOWRY, J. K. & H. E. STODDART 2011. The tryphosine genera *Photosella* gen. nov. and *Tryphosella* Bonnier, 1893 (Crustacea; Amphipoda: Lysianassoidea: Lysianassidae: Tryphosinae) in Australian waters. ---- *Zootaxa* 2956, 1-76. (Deals with *Photosella* n. gen.—type species *Tryphosella charlotteae* Lowry & Stoddart, 2009, further species *P. miersi* (Stebbing, 1888) and *P. mucronata* (Pirlot, 1936), all three redescribed here--- and *Tryphosella* (with *Pseudotryphosa* as new synonym), with the Australian species *T. bet*, *T. betka* n. sp. (Mallacoota, Va), *T. bicheno* n. sp. (Fortescue Bay, Tasmania), *T. camela*, *T. chinchilla* n. sp. (Fitzroy Reef, GBR), *T. cooe* n. sp. (Fortescue Bay, Tasmania), *T. fortescue* n. sp. (Fortescue Bay, Tasmania), *T. freycinet* n. sp. (Freycinet Peninsula, Tasmania), *T. martrudan* n. sp. (Fortescue Bay, Tasmania), *T. orana*, *T. rodondo* n. sp. (Rodondo Island, Va), *T. sorell* n. sp. (Cape Sorell, Tasmania), *T. tathra* n. sp. (Jervis Bay, NSW), *T. toowoomba* (Moreton Bay, Qld), *T. tuckanarra* n. sp. (King George Sound, WA) and *T. wangaratta* n. sp. (Western Port, Va). A key to Australasian species is provided. The authors list 40 certain spp and 24 possible spp in *Tryphosella*, and exclude fifteen further spp currently placed there, several of them to the Uristidae.)

LUNDSTEN, L., K. L. SCHLINING, K. FRASER, S. B. JOHNSON, L. A. KUHNZ, J. B. J. HARVEY, G. CLAGUE & R. C. VRIJENHOEK 2010. Time-series of six whale-fall communities in Monterey Canyon, California, USA. ---- *Deep-Sea Research I*, in press.

LUQUE, J. L., F. M. VIEIRA, K. HERRMANN, T. M. KING, R. POULIN & C. LAGRUE 2010. New evidence on a cold case: trophic transmission, distribution and host-specificity in *Hedruris spinigera* (Nematoda: Hedruridae). ---- *Folia Parasitologica* 57, 223-231. (The intermediate host is *Paracorophium excavatum*, the final hosts 6 fish species. A New Zealand study.)

LUSTRIK, R., M. TURJAK, S. KRALJ-FISER & C. FISER 2011. Coexistence of surface and cave amphipods in an ecotone environment. ---- *Contributions to Zoology* 80, 133-141. (A Slovenian study. The surface amphipod is *Gammarus fossarum*, the cave amphipod *Niphargus timavi*.)

- LYUBINA, O. S. 2011. (Morphology and distribution of two species, *Erichthonius stephenseni* and *Guernea nordenskjoldi* (Crustacea, Amphipoda), from the Barents and Kara Seas)---- *Zoologicheskii Zhurnal* 90, 285-292 (In Russian. Both species are illustrated and distribution maps provided. NB. I have recently found *G. nordenskjoldi* also on the west coast of Spitsbergen. WV)
- MA, W. S., T. MUTKA, B. VESLEY, M. O. AMSLER, J. B. McCLINTOCK, C. D. AMSLER, J. A. PERMAN, M. P. SINGH, W. M. MAIESE, M. J. ZAWOROTKO, D. E. KYLE & B. J. BAKER 2009. Norselic Acids A-E, highly oxidized anti-infective steroids that deter mesograzers predation, from the Antarctic sponge *Crella* sp. . ---- *Journal of Natural Products* 72, 1842-1846.
- MAAZOUZI, C., C. PISCART, F. LEGIER & F. HERVANT 2011. Ecophysiological responses to temperature of the 'killer shrimp' *Dikerogammarus villosus*: Is the invader really stronger than the native pulex? ---- *Comparative Biochemistry & Physiology A* 159, 268-274. (Not seen, so I don't know the answer.)
- McCALLA, S. G. 2010. *Patterns of genetic diversity in Diporeia in the Laurentian Great Lakes*. ---- M Sc Thesis, Purdue University, 68 pp (Not seen.)
- McLENAGHAN, N. A., A. C. TYLER, U. H. MAHL, R. W. HOWARTH & R. M. MARINO 2011. Benthic macroinvertebrate functional diversity regulates nutrient and algal dynamics in a shallow estuary. ---- *Marine Ecology Progress Series* 426, 171-184.
- MacNEIL, C. 2010. Threats to European freshwater biodiversity from invasive amphipods. ---- *Advances in Environmental Research* 3, 72-82 (Not seen)
- MacNEIL, C. & M. BRIFFA 2009. Replacement of a native freshwater macroinvertebrate species by an invader: implications for biological water quality monitoring. ---- *Hydrobiologia* 635, 321-327. (Replacement of *Gammarus duebeni celticus* by *Gammarus pulex* in the Isle of Man)
- MacNEIL, C. & J. T. A. DICK 2011. Parasite-mediated intraguild predation as one of the drivers of co-existence and exclusion among invasive and native amphipods (Crustacea). ---- *Hydrobiologia* 665, 247-256. (A study from the Isle of Man concerning *Gammarus duebeni celticus*, *G. pulex* and *Crangonyx pseudogracilis*)
- MacNEIL, C., J. T. A. DICK, D. PLATVOET & M. BRIFFA 2011. Direct and indirect effects of species displacements: an invading freshwater amphipod can disrupt leaf litter processing and shredder efficiency. ---- *Journal of the North American Benthological Society* 30, ?-? (Not seen)
- MacNEIL, C., D. PLATVOET, J. T. A. DICK, N. FIELDING, A. CONSTABLE, N. HALL, D. ALDRIDGE, T. FRENALS & M. DIAMOND 2010. The Ponto-Caspian 'killer shrimp', *Dikerogammarus villosus* (Sowinsky, 1894), invades the British Isles. ---- *Aquatic Invasions* 5 (4), 441-445. (Found in Grafham Water, a large reservoir in Cambridgeshire.)
- MAGRIS, R. A., G. BOND-BUCKUP, C. MAGALHÃES, F. L. MANTELATTO, J. W. REID, L. M. A. E. LOEREIRO, P. A. COELHO, W. SANTANA, L. BUCKUP, S. SCHWARZ da ROCHA, S. L. de SIQUEIRA BUENO, M. A. A. PINHEIRO, F. d'INCAO, C. T. C. IVO, J. D. NETO, E. S. RODRIGUES, P. B. ARAUJO, H. B. JUNIOR & L. F. de ALMEIDA DUARTE 2010. Quantification of extinction risk for crustacean species: an overview of the National Red Listing process in Brazil. ---- *Nauplius* 18, 129-135.
- MAGUIRE, C., K. GALLAGER, C. MAGGS, J. DICK, J. CAFFREY, C. O'FLYNN, U. FITZPATRICK, J. KELLY & C. HARROD 2011. *Alien invasive species in Irish water bodies*. -----STRIVE End of Project Report (2007-W-MS-2-S1), Environmental Protection Agency, Ireland, 124 pp. (Some data on *Gammarus pulex* and *G. tigrinus*)
- MAIER, G., A. KLEY, Y. SCHANK, M. MAIER, G. MAYER & D. WALOSZEK 2011. Density and temperature dependent feeding rates in an established and an alien freshwater gammarid fed on chironomid larvae. ---- *Journal of Limnology* 70, 123-128.

- MAMOURIDES, V., J. E. CARTES, S. PARRA, E. FANELLI & J. I. SAIZ SALINAS, 2011. A temporal analysis on the dynamics of deep-sea macrofauna: influence of environmental variability off Catalonia coasts (western Mediterranean). ---- *Deep-Sea Research I*, in press. (Table 1 lists all amphipods.)
- MANCINELLI, G. 2008. Quantitative assessment of animal-induced leaf damage: a test with three brackish crustaceans feeding on leaf detritus. ---- *Transitional Waters Bulletin* 2, 38-48. (i.a. *Gammarus aequicauda*)
- MANN, R. M., R. V. HYNE & L. M. E. ASCHEN 2011. Foraging, feeding and reproduction on silica substrate increases the toxicity of waterborne zinc to the estuarine epibenthic amphipod *Melita plumulosa*. ---- *Environmental Toxicology and Chemistry*, in press.
- MANN, R. M., R. V. HYNE, D. L. SIMANDJUNTAK & S. L. SIMPSON 2010. A rapid amphipod reproduction test for sediment quality assessment: in situ bioassays do not replicate laboratory bioassays. ---- *Environmental Toxicology & Chemistry* 30, 1649-1658. (The test species is *Melita plumulosa*)
- MARIA, T. F., M. DE TROCH, J. VANAVERBEKE, A. M. ESTEVES & A. VANREUSEL 2011. Use of benthic vs planktonic organic matter by sandy-beach organisms: A food tracing experiment with ¹³C labelled diatoms. ---- *Journal of Experimental Marine Biology and Ecology*, in press. (A Belgian study, with i.a. *Bathyporeia pilosa* and *B. sarsi*.)
- MARIN JARRIN, J. R. M. & A. L. SHANKS 2010. Spatio-temporal dynamics of the surf-zone faunal assemblages at a Southern Oregon sandy beach. ---- *Marine Ecology* 32, 232-242.
- MARUZZO, D. & A. MINELLI, 2011. Post-embryonic development of amphipod crustacean pleopods and the patterning of arthropod limbs. ---- *Zoologischer Anzeiger* 250, 32-45 (A study on *Gammarus roeselii*.)
- MEDOC, V., C. PISCART, C. MAAZOUZI, L. SIMON & J. N. BEISEL 2011. Parasite-induced changes in the diet of a freshwater amphipod: field and laboratory evidence. ---- *Parasitology* 138, 537-546. (A study on *Gammarus roeselii*)
- MEZZETTI, M. C., S. GAMBINERI, C. ROSSANO & F. SCAPINI 2011. Visual ecology of talitrid amphipods from Mediterranean and Atlantic coasts. ---- *Zoologia Baetica* 21, 55-63. (Studies on *Orchestia gammarellus*, *Talitrus saltator* and *Talorchestia spinifera*.)
- MIRJAZANI, A., M. SAYAHADRIM & A. SARI 2011. Reproductive traits of some amphipods (Crustacea: Peracarida) in different habitats of Iran and southern Caspian Sea. ---- *International Journal of Zoology* (2011), 12pp. (Data on *Gammarus lacustris*, *G. paricrenatus*, *G. komareki*, *G. aequicauda*, *Obesogammarus acuminatus*, *Pontogammarus maeoticus* and *P. boraceae*.)
- MIYAMOTO, H. & H. MORINO 2010. Taxonomic studies on the Talitridae (Crustacea: Amphipoda) of Taiwan. IV. The genera *Paciforchestia* and *Lanorchestia* gen. nov.. ---- *Species Diversity* 15, 155-167. (*Lanorchestia kanoi* n. gen., n. sp is described from Lanyu island off Taiwan. A *Paciforchestia* sp. is found on the same island)
- MOHAMMADI, G. H., M. KHODADADI, A. NASR & H. SAFIKHAN 2010. Fecundity reproductive cycle of a local population of *Gammarus pulex* in Sepidan (Fars province, Iran). ---- *Australian Journal of Basic and Applied Sciences* 4, 5571-5577.
- MOLDOVAN, O. T., E. LEVEL, C. MARIN, M. BANCIU, H. L. BANCIU, C. PAVELESCU, T. BRAD, M. CIMPEAN, I. MELEG, S. IEPURE & I. POVARA 2011. Spatial distribution patterns of the hyporheic invertebrate communities in a polluted river in Romania. ---- *Hydrobiologia*, in press.
- MOLDOVAN, D. T., I. A. MELEG & A. PERSOIU 2011. Habitat fragmentation and its effects on groundwater populations. ---- *Ecohydrology*, in press
- MONDAL, N., M. RAJKUMAR, J. SUN, S. KUNDU, P. S. Lyla, S. A. KHAN & J. P. TRILLES 2010. Biodiversity of brackish water amphipods (Crustacea) in two estuaries, southeast coast of India. ---- *Environmental Monitoring and Assessment* 171, 471-486. (Not seen)

- MORET, Y., T. RIGAUD, S. MOTREUIL, J.-P. TROUSSARD & J. MOREAU 2010. Condition-dependent ecdysis and immunocompetence in the amphipod crustacean, *Gammarus pulex*. ---- *Biology Letters* 6, 788-791.
- MORI, M., Y. SUZUKI, A. YAMAKI & D. J. LINDSAY 2010. (A checklist of hyperiid amphipods (Amphipoda: Hyperiidea) from Japanese waters, including new records from 1996-2007 for Sagami Bay and outlying areas.) ---- *Bulletin of the Plankton Society of Japan* 57, 41-54. (In Japanese, not seen)
- MORILLO-VELARDE, P. S., J. LLORET, A. MARIN & F. J. SANCHEZ-VAZQUEZ 2011. Effects of cadmium on locomotor activity rhythms of the amphipod *Gammarus aequicauda*. ---- *Archives of Environmental Contamination & Toxicology* 60, 444-451.
- MORTON, B. & C. N. W. LEE 2011. The composition and spatial distribution of scavenging hyperbenthos in the Cape d'Aguilar Marine Reserve, Hong Kong. ---- *Journal of the Marine Biological Association UK*, in press. (Amphipods listed in Table 1. Interestingly, by far the most numerous amphipod in the traps is a *Ceradocus* sp.; this species was still more numerous in the unbaited control trap, however.)
- MUGNI, H, A. RONCO & C. BONETTO 2010. Insecticide toxicity to *Hyalella curvispina* in runoff and stream water within a soybean farm (Buenos Aires, Argentina). ---- *Ecotoxicology and Environmental Safety* 74, 350-354.
- MURPHY, N. P., M. T. GUZIK & J. C. WORTHINGTON WILMER 2010. The influence of landscape on population structure of four invertebrates in groundwater springs. ---- *Freshwater Biology*, in press (An Australian study, with i.a. the amphipod *Wangiannachiltonia guzikae*.)
- MURRAY, C. C., E. A. PAKHONOV & T. W. THERRIAULT 2011. Recreational boating: a large unregulated vector transporting marine invasive species. ---- *Diversity and Distributions*, in press. (With a note on *Caprella mutica*)
- NAHAVANDI, N., M. PLATH, R. TIEDEMANN & A. MIRZAJANI 2011. Sexual and natural selection on morphological traits in a marine amphipod, *Pontogammarus maeoticus* (Sowinsky, 1894). ---- *Marine Biology Research* 7, 135-146. (Not seen)
- NARAYANASWAMY, B. E. & B. J. BETT 2011. Macrobenthic biomass relations in the Faroe-Shetland Channel: an Arctic-Atlantic boundary environment. ---- *PLOS One* 6-4, 10 pp.
- NASER, M. D., K. N. WHITE & M. H. ALI 2010. *Grandidierella macronyx* Barnard, 1935 (Amphipoda, Aoridae): a new record from Shatt Al-Basrah, Basrah, Iraq. ---- *Crustaceana* 83, 1401-1407.
- NAVEL, S., L. SIMON, C. LECUYER, F. FOUREL & F. MERMILLOD-BLONDIN 2010. The shredding activity of gammarids facilitates the processing of organic matter by the subterranean amphipod *Niphargus rhenorhodanensis*. ---- *Freshwater Biology* 56, 481-490.
- NEBRA, A., N. CAIOLA & C. IBÁÑEZ 2011. Community structure of benthic macroinvertebrates inhabiting a highly stratified Mediterranean estuary. ---- *Scientia Marina* 75, 577-584. (*Corophium orientale* numerous.)
- NEIRA, C., G. MENDOZA, L. A. LEVIN, A. ZINNO, F. DELGADILLO-HINOJARA, M. PORRACHIA & D. D. DEHEYN 2011. Macrobenthic community response to copper in Sheffer Island Yacht Basin, San Diego bay, California. ---- *Marine Pollution Bulletin* 62, 701-717. ('Amphipods are the most affected taxon.')
- NELSON, D. 2011. *Gammarus*-microbial interactions: A review. ---- *International Journal of Zoology* (2011), ID 295026, 6 pp
- NELSON, D. & F. M. WILHELM 2011. Survival and growth of the stygophilic amphipod *Gammarus troglophilus* under laboratory conditions. ---- *Journal of Crustacean Biology* 31, 424-433.
- NOËL, P. Y. 2011. *Checklist of cryptogenic and alien Crustacea of the European Atlantic coast*. ----Pp 345-375 in B. S. Galil et al. (eds). In the wrong place—Alien marine crustaceans: distribution, biology and impacts. Invading Nature—

Springer Series in Invasion Ecology 6. Springer Science + Business Media. (Twelve spp of amphipods are listed on p 347 and discussed on pp 357-359---One question by WV here. Why does everybody say that *Monocorophium sextonae* is a NZ species?)

NORKKO, J., D. C. REED, K. TIMMERMAN, A. NORKKO, B. G. GUSTAFSSON, E. BONSDORFF, C. P. SLOMP, J. CARSTENSEN & D. J. CONLEY 2011. A welcome can of worms? Hypoxia mitigation by an invasive species. ---- *Global Change Biology*, in press. (The polychaete *Marenzelleria* sp in the northern Baltic Sea.)

NOYON, M., F. NARCY, S. GASPARINI & P. MAYZAUD 2011. Growth and lipid class composition of the Arctic pelagic amphipod *Themisto libellula*. ---- *Marine Biology, Berlin 158*, 883-892.

NYGÅRD, H. 2011. *Scavenging amphipods in the high Arctic. Studies of benthic and sympagic amphipods in the genera Onisimus and Anonyx*. ---- Dr. Philos. Thesis, UNIS Svalbard and Univ. of Tromsø. (Sadly not seen).

NYGÅRD, H., J. WALLENSCHUS, L. CAMUS, Ø. VARPE & J. BERGE 2010. Annual routines and life history of the amphipod *Onisimus litoralis*: seasonal growth, body composition and energy budget. ---- *Marine Ecology Progress Series 417*, 115-126. (A semelparous 2-yr life cycle.)

OBERMÜLLER, B. E., S. A. MORLEY, D. K. A. BARNES & L. S. PECK 2010. Seasonal physiology and ecology of Antarctic marine benthic predators and scavengers. ---- *Marine Ecology Progress Series 415*, 109-126. (Deals i.a. with *Paraceradocus miersii*.)

OJAVEER, H., J. KOTTA, A. PÖLLUMÄE, M. PÖLLUPÜÜ, A. JAANUS & M. VETEMAA 2011. Alien species in a brackish water temperate ecosystem: Annual-scale dynamics in response to environmental variability. ---- *Environmental Research*, in press. (A study from Estonia, with *Gammarus tigrinus* as one of the alien species.)

ØKLAND, F., J. ØKLAND, K. A. ØKLAND, F. E. NORDSETH & C. E. NORDBY 2011. The unexpected discovery of a brackish water amphipod, *Gammarus zaddachi* Sexton, 1912, found isolated at 150m depth in an inland freshwater lake in Norway. ---- *Crustaceana 84*, 701-706. (Not seen, unfortunately.)

OLIVA, M. E., A. MAFFET & J. LAUDIEN 2010. Association between *Chrysaora plocamia* (Cnidaria, Scyphozoa) and *Hyperia curtipheala* (Peracarida: Amphipoda) in Mejillones Bay, northern Chile. ---- *Revista de Biología Marina y Oceanografía 45*, 127-130.

ORTEGA, I., Y. J. DIAZ & A. MARTIN 2011. Feeding rates and food preferences of the amphipods present on macroalgae *Ulva* sp. and *Padina* sp. . ---- *Zoologia Baetica 21*, 45-53. (A study from Venezuela, with *Ampithoe ramondi* as main test amphipod)

de-la-OSSA-CARRETERO, A. & J.-C. DAUVIN 2010. A comparison of two biotic indices, AMBI and BOPA/BO2A, for assessing the ecological quality status (EcoQS) of benthic macro-invertebrates. ---- *Transitional Waters Bulletin 4*, 12-24.

ÖZBEK, M. 2011. An overview of the *Gammarus* Fabricius (Gammaridae: Amphipoda) species of Turkey, with an updated checklist. ---- *Zoology in the Middle East 53*, 71-78. (Not seen, unfortunately)

ÖZBEK, M. & N. ÖZKAN 2010. *Amathillina cristata* Sars, 1894, a Ponto-Caspian amphipod genus newly recorded from Turkey (Amphipoda: Gammaridae). ---- *Zoology in the Middle East 50*, 148-150. (In a freshwater lake near Istanbul)

ÖZBEK, M. & N. ÖZKAN 2011. *Dikerogammarus istanbulensis* sp. n., a new amphipod species (Amphipoda: Gammaridae) from Turkey with a key to the genus. ---- *Zootaxa 2813*, 55-64. (Not seen)

PAAVO, B., R. JONKER, S. THRUSH & P. K. PROBERT 2011. Macrofaunal community patterns of adjacent coastal sediments with wave-reflecting or wave-dissipating characteristics. ---- *Journal of Coastal Research 27*, 515-528.

PACCIARDI, L. A. M. DE BIASI & L. PIAZZI 2011. Effects of *Caulerpa racemosa* invasion on soft-bottom assemblages in the Western Mediterranean Sea. ---- *Biological Invasions*, in press.

- PACIOS, I., J. M. GUERRA-GARCIA, E. BAEZA-ROJANO & M. P. CABEZAS. The non-native seaweed *Asparagopsis armata* supports a diverse crustacean assemblage. ---- *Marine Environment Research* 71, 275-282. (Not seen)
- PAFIL, P., P. REZNICKOVA & S. ZAHRAĐKOVA 2011. Life history of *Gammarus fossarum* Koch 1936 in an intermittent stream of the temperate zone—habitat utilisation and the role of refugia in drought survival. ---- ????
- PALMQUIST, K., A. FAIRBROTHER, J. SALATAS & P. D. GUINEY 2010. Environmental fate of pyrethroids in urban and suburban stream sediments and the appropriateness of *Hyaella azteca* model in determining ecological risk. ---- *Integrated Environment Assessment and Management* 7, 325-335.
- PANDEY, R. B., G. L. ADAMS & L. W. WARREN 2011. Survival and precopulatory guarding behaviour of *Hyaella azteca* (Amphipoda) exposed to nitrate in the presence of atrazine. ---- *Environmental Toxicology & Chemistry* 30, 1170-1177.
- PAPP, J. & J. KONTSCHÁN 2011. First record of *Gammarus leopoliensis* Jazdzewski & Konopacka, 1989 (Peracarida, Amphipoda) from Hungary. ---- *Crustaceana* 84, 419-423 (Not seen)
- PARCHEM, R. J., F. POULIN, A. B. STUART, C. T. AMEMIYA & N. H. PATEL 2010. BAC library for the amphipod crustacean, *Parhyale hawaiiensis*. ---- *Genomics* 95, 261-267. (Not seen)
- PAULA J. C. de, M. A. VALLIM & V. L. TEIXEIRA 2011. What are and where are the bioactive terpenoids metabolites from Dictyotaceae (Phaeophyceae). ---- *Revista Brasileira de Farmacognosia* 21, 216-228.
- PAVESI, L., V. KETMAIER, R. TIEDEMANN & E. DE MATTHAEIS 2011. Population genetics and phylogeography of the sandhopper *Macarorchestia remyi* (Schellenberg, 1950) (Amphipoda, Talitridae) based on COI sequence data. ---- *Zoological Studies* 50, 220-229. (Not seen)
- PAVESI, L., E. DE MATTHAEIS, R. TIEDEMANN & V. KETMAIER 2011. Temporal population genetics and COI phylogeography of the sandhopper *Macarorchestia remyi* (Amphipoda: Talitridae). ---- *Zoological Studies* 50, 220-229. (Not seen)
- PELLETIER, A. J. D., D. E. JELINSKI, M. TREPLIN & M. ZIMMER 2011. Colonisation of beach-cast macrophyte wrack patches by talitrid amphipods: a primer. ---- *Estuaries and Coasts* 34, 863-871. (A Canadian study on *Traskorchestia traskiana* and *Megalorchestia californiana*.)
- PEREIRA, R. C., E. M. BIANCO, L. B. BUENO & M. A. A. P. da GAMA 2010. Associational defense against herbivory between brown seaweeds. ---- *Phycologia* 49, 424-428. (Not seen)
- PEREZ-MATUS, A. & J. S. SHIMA 2010. Density- and trait-mediated effects of fish predators on amphipod grazers: potential indirect benefits for the giant kelp *Macrocystis pyrifera*. ---- *Marine Ecology Progress Series* 417, 151-158.
- PERRON, M. M., R. M. BURGESS, K. T. HO, M. C. PELLETIER, C. L. FRIEDMAN, M. G. CANTWELL & J. P. SHINE 2011. Limitations of reverse polyethylene samplers (RePES) for evaluating toxicity of field contaminated sediments. ---- *Chemosphere* 83, 247-254. (Tests with *Ampelisca abdita*)
- PERROT-MINOT, M. J., M. GAILLARD, R. DODET & F. CÉZILLY 2010. Interspecific differences in carotenoid content and sensitivity to UVB radiation in three acanthocephalan parasites exploiting a common intermediate host. ---- *International Journal of Parasitology* 41, 173-181. (The host is *Gammarus pulex*.)
- PESCI, I. 2010. Fresh water terrace springs near Pavia: an unusual example of ecological peculiarity. ---- *Scientifica Acta* 4, 17-26. (i.a. *Echinogammarus stammeri*)
- PHILLIPS, B. M., B. S. ANDERSON, J. P. VOORHEES, J. W. HUNT, R. W. HOLMES, A. MEKEBRI, V. CONNOR & R. S. TJEERDEMA 2010. The contribution of pyrethroid pesticides to sediment toxicity in four urban creeks in California, USA. ---- *Journal of Pesticide Sciences* 35, 302-308. (*Hyaella azteca* as test animal)

- PIRES-VANIN, A. M. S., P. MUNIZ & P. C. DE LEO 2011. Benthic macrofauna structure in the northeast area of Todos os Santos Bay, Bahia State, Brazil: patterns of spatial and seasonal distribution. ---- *Brazilian Journal of Oceanography* 59, 27-42.
- PISCART, C., B. BERGEROT, P. LAFAILLE & P. MARMONIER 2010. Are amphipod invaders a threat to regional biodiversity? ---- *Biological Invasions* 12, 853-863.
- PISCART, C., B. J. KEFFORD & J.-N. BEISEL 2011. Are salinity tolerances of non-native macroinvertebrates in France an indicator of potential for their translocation in a new area? ---- *Limnologica* 41, 107-112.
- PISCART, C., F. MERMILLOD-BLONDIN, C. MAAZOUZI, S. MERIGOUX & P. MARMONIER 2011. Potential impact of invasive amphipods on leaf litter recycling in aquatic ecosystems. ---- *Biological Invasions*, in press
- PISCART, C., J. M. ROUSSEL, J. T. A. DICK, G. GROSOBOIS & P. MARMONIER 2011. Effects of coexistence on the habitat use and trophic ecology of interacting native and invasive amphipods. ---- *Freshwater Biology* 56, 325-334. (Not seen)
- PLATVOET, D., G. v. d. VELDE & S. LI 2010.. Clothespin setae of *Dikerogammarus villosus* (Sowinsky, 1894) as possible mediators between environmental gas concentrations and pleopodal beat frequency—AMPIS report 7. ---- *Crustaceana* 83, 1251-1260.
- PONTI, M., C. CASSELLI & M. ABBIATI 2010. Anthropogenic disturbance and spatial heterogeneity of macrobenthic invertebrate assemblages in coastal lagoons: the study case of Pialassa Baiona (northern Adriatic Sea). ---- *Helgoland Marine Research* 65, 25-42.
- PORRI, F., J. M. HILL & C. D. McQUAID 2011. Associations in ephemeral systems: the lack of trophic relationships between sandhoppers and beach wrack. ---- *Marine Ecology Progress Series* 426, 253-262. (A South-African study; the sandhopper is *Talorchestia capensis*.)
- POTTER, M., F. MÉNARD, H. D. BENIVARY & R. SABATIÉ 2011. Length and weight estimates from diagnostic hard part structures of fish, Crustacea and cephalopods forage species in the western Indian Ocean. ---- *Environmental Biology of Fishes*, in press. (i.a. *Phrosina semilunata* and *Platyscelus ovooides*.)
- POULIN, R. 2010. Parasite manipulation of host behaviour; an update and frequently asked questions. ---- *Advances in the Study of Behaviour* 41, 151-186. (Not seen)
- POULIN, R. 2011. The many roads to parasitism; A tale of convergence. ---- *Advances in Parasitology* 74, 1-40. (Not seen, unfortunately.)
- PROKOPOWICZ, A. J., S. RUECKERT, B. S. LEANDER, J. MICHAUD & L. FORTIER 2010. Parasitic infection of the hyperiid amphipod *Themisto libellula* in the Canadian Beaufort Sea (Arctic Ocean), with a description of *Ganymedes themistos* sp. n. (Apicomplexa, Eugregarinoidea). ---- *Polar Biology* 33, 1339-1359.
- PROTASOVA, E. N., K. V. REGEL & G. I. ATRASHKEVICH 2010. Occurrence of *Spacebothrium simplex* and *Diplocotyle olriki* (Cestoda, Pseudophyllidea, Cyathocephalata) procercodes in amphipods from the northern part of the Sea of Okhotsk. ---- *Zoologicheskii Zhurnal* 89, 939-947. (In Russian. Two, c q six amphipod hosts are reported for these tapeworms.)
- PROTOPOPOVA, M. V., V. V. TAKHTEEV, Z. M. SHATILINA, V. V. PAVLICHENKO, D. V. AXENOV-GRIBANOV, D. S. BEDULINA & M. A. TIMOFEYEV 2011. Small HSPs molecular weights as new indication to the hypothesis of segregated status of thermophilic relict *Gmelinoides fasciatus* among Baikal and Palearctic amphipods. ---- *Journal of Stress Physiology & Biochemistry* 7, 175-182.

- QUILLFELDT, P., J. F. MASELLO, P. BRICKLE & D. MARTIN-CREUZBURG 2011. Fatty acid signatures of stomach contents reflect inter- and intra-annual changes in diet of small pelagic seabird, the Thin-billed Prion *Pachyptila belcheri*. ---- *Marine Biology*, in press (Up to 40% of the diet is *Themisto gaudichaudii*.)
- RALSTON-HOOPER, K. J., B. C. SANCHEZ, J. ADAMEC & M. S. SEPULVEDA 2011. Proteomics in aquatic amphipods: Can it be used to determine mechanisms of toxicity and interspecific responses after exposure to atrazine? ---- *Environmental Toxicology & Chemistry* 30, 1197-1203.
- RAUQUE, C. A., R. A. PATERSON, R. POULIN & D. M. TOMPKINS 2011. Do different parasite species interact in their effects on host fitness? A case study on parasites of the amphipod *Paracalliope fluviatilis*. ---- *Parasitology*, in press (The answer is 'probably yes'.)
- REGIER, J. C., J. W. SHULTZ, A. ZWICK, A. HUSSEY, B. BALL, R. WETZER, J. W. MARTIN & C. W. CUNNINGHAM. Arthropod relationships revealed by phylogenomic analysis of nuclear protein-coding sequences. ---- *Nature* 463, 1079-1083. (A most important paper!)
- REICHERT, K. & J. BEERMANN 2011. First record of the Atlantic gammaridean amphipod *Melita nitida* Smith, 1873 (Crustacea) from German waters (Kiel Canal). ---- *Aquatic Invasions* 6, 103-108.
- REISS, J., R. A. BAILEY, D. M. PERKINS, A. PLUCHINOTTA & G. WOODWARD 2011. Testing effects of consumer richness, evenness and body size on ecosystem functioning. ---- *Journal of Animal Ecology*, in press. (*Gammarus pulex* one of three models)
- RENSBURG, K. van 2010. *Native parasite combating an invasive species: an oomycete vs. Echinogammarus ischnus*. ---- BSc Thesis, Georgia Institute of Technology, 39 pp. (Not seen)
- RIEL, M. C. van, G. van der VELDE & A. bij de VAATE 2011. Dispersal of invasive species by drifting. ---- *Current Zoology*, in press.
- RIGAUD, T., M.-J. PERROT-MINOT & M. J. F. BROWN 2010. Parasite and host assemblages: embracing the reality will improve our knowledge of parasite transmission and virulence. ---- *Proceedings of the Royal Society B* 277, 3693-3702.
- RIGOLET, C., P. LE SOUCHU, X. CAISEY & S. F. DUBOIS 2011. Group sweeping: feeding activity and filtration rate in the tubicolous amphipod *Haploeps nirae* (Kaim-Malka, 1976). ---- *Journal of Experimental Marine Biology and Ecology* 406, 29-37.
- RIVADENEIRA, M. M., M. THIEL, E. R. GONZALEZ & P. A. HAYE 2011. An inverse latitudinal gradient of diversity of peracarid crustaceans along the Pacific coast of South America: out of the deep south. ---- *Global Ecology and Biogeography* 20, 437-448. (An important paper. The diversity along the Chilean coast increases greatly polewards)
- ROBERTSON, A. L., J. W. N. SMITH, T. JOHNS & G. S. PROUDLOVE 2009. The distribution and diversity of stygobites in Great Britain: an analysis to inform groundwater management. ---- *Quarterly Journal of Engineering Geology and Hydrogeology* 43, 359-368. (Not seen)
- ROBSON, B. J., E. T. CHESTER & C. M. AUSTIN 2011. Why life history information matters: drought refuges and macroinvertebrate persistence in non-perennial streams subject to a drier climate. ---- *Marine & Freshwater Research* 62, 601-610. (Not seen)
- ROHDE, S. & P. J. SCHUPP 2011. Allocation of chemical and structural defenses in the sponge *Melophlus sarasinorum*. ---- *Journal of Experimental Marine Biology & Ecology* 399, 76-83.
- ROSKOSCH, A., M. HUPFER, G. NÜTZMANN & J. LEWANDOWSKI 2011. Measurement techniques for quantification of pumping activity of invertebrates in small burrows. ---- *Archiv für Hydrobiologie* 178, 89-110. (Not seen)

- RUBACH, A., H. HILLEBRAND & B. K. ERIKSSON 2011. Understorey benthic microalgae and their consumers depend on habitat complexity and light in a microtidal coastal ecosystem. ---- *Aquatic Botany*, in press.
- RUECKERT, S, T. G. SIMDYANOV, V. V. ALEOSHIN & B. S. LEANDER 2011. Identification of a divergent environmental DNA sequence clade using the phylogeny of gregarine parasites (Apicomplexa) from crustacean hosts. ---- *PLOS One* 6-3, 17 pp. (i.a. *Heliospora cf. longissima* from *Eulimnogammarus verrucosus* and *E. vittatus*, and *Heliospora caprellae* n. sp. from *Caprella alaskana*.)
- RUIZ, G., P. FOFONOFF, B. STEVES & A. DAHLSTROM 2011. *Marine crustacean invasions in North America: A synthesis of historical records and documented impacts*. ---- Pp 215-250 in B. S. Galil et al. (eds). In the wrong place-Alien marine crustaceans: Distribution, biology, and impacts. Invading Nature—Springer Series in Invasion Ecology 6. Springer Science-Business Media. (32 amphipod spp are listed on p. 232.)
- RYU, J., J. S. KHIM, J.-W. CHOI, H. C. SHIN, S. AN, J. PARK, D. KANG, C.-H. LEE & C.-H. KOH 2011. Environmentally associated spatial changes of a macrozoobenthic community in the Saemangeum tidal flat, Korea. ---- *Journal of Sea Research* 65, 390-400. (i.a. with *Sinocorophium japonicum*.)
- SANCHEZ-MOYANO, J. E. & I. GARCIA-ASENCIO 2010. Crustacean assemblages along the Guadiana River estuary (South-western Iberian Peninsula). ---- *Journal of the Marine Biological Association UK*, in press.
- SAREYKA, J., P. KRAUFVELIN, M. LENZ, M. LINDSTRÖM, R. TOLLRIAN & M. WAHL 2011. Differences in stress tolerance and brood size between a non-indigenous and an indigenous gammarid in the northern Baltic Sea. ---- *Marine Biology*, in press (*Gammarus zaddachi* and *G. tigrinus*)
- SCAPINI, F. & O. OTTAVIANO 2011. The possible use of sandhoppers as bioindicators of environmental stress on sandy beaches. ---- *Zoologia Baetica* 21, 33-44.
- SCHALLER, J., J. DHARAMSHI & E. G. DUDEL 2011. Enhanced metal and metalloid concentrations in the gut system comparing to remaining tissues of *Gammarus pulex* L. . ---- *Chemosphere*, in press.
- SCHANDER, C., H. T. RAPP, J. A. KONGSRUD, T. BAKKEN, J. BERGE, S. COCHRANE, E. OUG, I. BYRKJEDAL, C. TODT, T. CEDHAGEN, A. FOSSHAGEN, A. GEBRUK, K. LARSEN, L. LEVIN, M. OBST, F. PLEIJEL, S. STÖHR, A. WARÉN, T. T. MIKKELSEN, S. HADLER-JACOBSEN, R. KEUNING, K. HEGGØY PETERSEN, I. H. THORSETH & R. B. PEDERSEN 2010. The fauna of hydrothermal vents in the Mohn Ridge (North Atlantic). ---- *Marine Biology Research* 6, 155-171. (Amphipods listed on pp 162-163.)
- SCHECKEL, K. G., A. G. B. WILLIAMS, G. Mc DERMOTT, D. GRATSON, D. NEPTUNE & J. A. RYAN 2011. Lead speciation and bioavailability in apatite-amended sediments. ---- *Applied and Environmental Soil Science*, in press. (*Hyalella azteca* test animal.)
- SCHORIES, D., K. REISE, K. SANAMYAN, N. SANAMYAN, E. CLASING & A. REISE 2011 Actinia dominated intertidal mudflats: A new case of an extraordinary rare phenomenon from southern Chile. ---- *Journal of Sea Research* 65, 304-314. (*Monocorophium acherusicum* ‘superabundant’.)
- SCHÜCKEL, U., S. SCHÜCKEL, M. BECK & G. LIEBEZEIT 2010. New range expansion of *Caprella mutica* Schurin, 1935 (Malacostraca: Caprellidae) to the German coast, North Sea. ---- *Aquatic Invasions* 5 Suppl. 1, S85-S89. (Found in Jadebusen, Wilhelmshaven)
- SCHVEZOV, N. & O. AMIN 2011. Biochemical response of amphipods (Gammarid: *Paramorea* (sic!)) in a sediment laboratory exposure from Ushuaia Bay, Beagle Channel. ---- *Ecotoxicology and Environmental Safety*, in press. (Experiments with *Paramoera* sp.)
- SCIPIONE, M. B. & V. ZUPO 2011. Crustacean amphipods from the seagrasses *Zostera marina*, *Cymodocea nodosa* and *Posidonia oceanica* in the Adriatic Sea (Italy): a first comparison. ---- *Zoologia Baetica* 21, 15-32.

- SELLESLAGH, J., S. LESOURD & R. AMARA 2011. Comparison of macrobenthic assemblages of three fish estuarine nurseries and their importance as foraging grounds. ---- *Journal of the Marine Biological Association UK*, in press. (Three French estuaries. *Bathyporeia sarsi* very important)
- SENNA, A. R. 2011. A new species of *Elasmopus* (Amphipoda: Hadzioidea: Maeridae) from Suape harbor, northeastern Brazilian coast. ---- *Anais da Academia Brasileira de Ciencias* 83, 1031-1040. (*E. souzaifilhoi* n. sp.)
- SENNA, A. R. & J. F. SOUZA-FILHO 2011. A new species of the *Elasmopus rapax* complex (Crustacea: Amphipoda: Maeridae) from Brazilian waters. ---- *Cahiers de Biologie Marine* 52, 57-70. (*Elasmopus longipropodus* n. sp. from Atol das Rocas, Brazil. A key to Brazilian *Elasmopus* is provided.)
- SEREJO, C. S. 2011. In Memoriam. Yoko Wakabara (1933-2006). ---- *Zoologia Baetica* 21, 217-222. (With a list of her publications)
- SEZGIN, M. & A. CIL 2011. Rocky bottom crustacean fauna of Sinop (Black Sea, Turkey) coast. ---- *Zoologia Baetica* 21, 5-14.
- SHATILINA, Zh. M., D. S. BEDULINA, M. V. PROTOPOPOVA, V. V. PAVLICHENKO, T. P. POBEZHIMOVA, O. I. GRABELNYKH & M. A. TIMOFEEV 2010. Heat shock proteins in the mechanisms of stress adaptation in Baikal amphipods and Palearctic *Gammarus lacustris* Sars. II. Smal HSP family. ---- *Contemporary Problems in Ecology* 3, 449-456. (Originally published in Russian.)
- SHATILINA, Zh. M., M. V. GUBANOV, E. S. ZADEREEV, V. V. PAVLICHENKO, D. V. AXENOV-GRIBANOV, E. A. SAPOZHNIKOVA, M. V. PROTOPOPOVA, D. S. BEDULINA & M. A. TIMOFEEV 2010. Comparative study of thermoresistances' cellular mechanisms in representatives of the *Gammarus lacustris* Sars populations inhabiting saline Lake Shira (Republic of Khakassia) and a fresh water body in the cis-Baikal region. ---- *Doklady Biological Sciences* 434, 359-362.
- SHATILINA, Zh. M., H. W. RISS, M. V. PROTOPOPOVA, M. TRIPPE, E. I. MEYER, V. V. PAVLICHENKO, D. S. BEDULINA, D. V. AXENOV-GRIBANOV & M. A. TIMOFEEV 2011. The role of heat shock proteins (HSP70 and sHSP) for the thermotolerance of freshwater amphipods from contrasting habitats. ---- *Journal of Thermal Biology* 36, 142-149. (Deals with *Gmelinoides fasciatus*, *Echinogammarus berilloni*, *Gammarus pulex*, and *Eulimnogammarus verrucosus*.)
- SHIELDS, J. D. 2011. Diseases of spiny lobsters: A review. ---- *Journal of Invertebrate Pathology* 106, 79-91. (Amphipods on p.87)
- SHIMOMURA, M. & K. KAKUI 2011. A new species of the genus *Ingolfiella* Hansen, 1903 (Peracarida, Amphipoda) from the Ogasawara Islands, southern Japan. ---- *Crustaceana* 84, 543-551. (Not seen; *I. ogasawarensis* n. sp., a marine species)
- SHIN, M.-H., J. S. HONG & W. KIM 2010. Redescriptions of two amphithoid amphipods, *Ampithoe lacertosa* and *A. tarasovi* (Crustacea: Amphipoda), from Korea. ---- *Korean Journal of Systematic Zoology* 26, 295-305. (*A. tarasovi* is new to Korea, where it was earlier confused with *A. lacertosa*)
- SICINSKI, J., K. JAZDZEWSKI, C. DE BROYER, P. PRESLER, R. LIGOWSKI, E. F. NONATO, T. N. CORBISIER, M. A. V. PETTI, T. A. S. CRITO, H. P. LAVRADO, M. BLAZEWCZ-PASZKOWYCZ, K. PABIS, A. JAZDZEWSKA & L. C. CAMPOS 2010. Admiralty Bay benthos diversity—a census of a complex polar ecosystem. ---- *Deep-Sea Research II*, in press
- SIDOROV, D. A. *Pseudocrangonyx elenae* sp. n. (Crustacea: Amphipoda: Pseudocrangonyctidae) from shallow subterranean habitats (SSHs) of eastern Sikhote-Alin. ---- *Amurian Zoological Journal* 3, 3-10.
- SMIRNOV, A. V. & N. L. DEMCHENKO 2011. In Memoriam. Nina I. Tzvetkova (1932-2010). ---- *Zoologia Baetica* 21, 201-206. (With a list of species described by her.)

- SORBE, J. C., I. FRUTOS & F. AGUIRREZABALAGA 2010. The benthic fauna of slope pockmarks from the Kostarrenkala area (Capbreton canyon, SE Bay of Biscay). ---- *Munbe* 58, 85-98 (With *Tryphosella caecula* and *Metaphoxus simplex*.)
- SOTKA, E. E., A. MCCARTHY, E. MONROE, N. OAKMAN & F. VAN DOLAH 2011. Can benthic herbivores transmit brevetoxins through estuarine food webs? A test of an unrecognized pathway in the Gulf of Mexico. ---- *Proceedings from the 2010 AGU Ocean Sciences Meeting*, abstract only.
- SOTKA, E. E. & P. L. REYNOLDS 2011. Rapid experimental shift in host use traits of a polyphagous marine herbivore reveals fitness costs on alternative hosts. ---- *Evolutionary Ecology*, in press. (A study on *Ampithoe longimana*.)
- SOUCEK, D. J., A. DICKINSON & B. T. KOCH 2011. Acute and chronic toxicity of boron to a variety of freshwater organisms. ---- *Environmental Toxicity*, in press (i.a. *Hyaella azteca*)
- SOUZA-FILHO, J. F. 2011. First record of the family Cheidae (Amphipoda, Gammaridea) from the Brazilian coast, with description of two new genera and new species. ---- *Journal of Natural History*, in press. (Deals with *Microcheus nortoni* n. gen, n. sp. (Praia Fardim do Eden, Rio Grande do Sul) and *Ruffosius fluminensis* n. gen. n. sp. (Praia Escalhou, Rio de Janeiro), both from intertidal sandy beaches. A key to all three Cheidae is provided.)
- SOUZA-FILHO, J. F., A. M. T. SOUZA & M. T. VALÉRIO-BERARDO 2010. Six new species of the genus *Chevalia* Walker, 1904 (Amphipoda, Corophiidea, Chevaliidae) from Brazilian waters, with a key to world species of the genus. ---- *Zootaxa* 2713, 25-51. (Deals with *Chevalia anomala* n. sp. (Baia de Campos), *C. caetes* n. sp. (Porto de Galinhas, Pernambuco), *C. convexa* n. sp. (off Rio Grande do Norte), *C. marajoara* n. sp. (Para-Maranhão basin), *C. setosa* n. sp. (Rocas atoll, Rio Grande do Norte), and *C. thomasi* n. sp. (Baia de Todos os Santos, Bahia). A key to all *Chevalia* is provided.)
- SRODA, S. & C. COSSA-LEGUILLE 2011. Seasonal variability of antioxidant biomarkers and energy reserves in the freshwater gammarid *Gammarus roeseli*. ---- *Chemosphere*, in press
- STANLEY, C. E.. 2011. *Effects of long-term isolation and metal exposure on the common test species Hyaella azteca*. ---- M.Sc Thesis, Oklahoma State University, 87 pp. (Not seen)
- STANLEY, J. K., A. J. KENNEDY, J. D. FARRER, D. R. MOUNT & J. A. STEVENS 2011. Evaluation of reduced sediment volume procedures for acute toxicity tests using the estuarine amphipod *Leptocheirus plumulosus*. ---- *Environmental Toxicology and Chemistry* 29, 2769-2776.
- STODDART, H. E. & J. K. LOWRY 2010. Lepidepcrellidae fam. nov. (Crustacea: Amphipoda: Lysianassoidea) in Australian waters. ---- *Zootaxa* 2634, 63-68. (The new family Lepidepcrellidae is monotypic, the only genus, *Lepidepcrella* has 11 described species, of which *L. nellae* (off Pt Hicks, Vict., Austr., 1000m) is new. A key to all spp is provided.)
- STOFFELS, B. E. M. W., J. S. TUMMERS, G. van der VELDE, D. PLATVOET, H. W. M. HENDRIKS & R. S. E. W. LEUVEN 2011. Assessment of predatory ability of native and non-native freshwater gammaridean species: A rapid test with water fleas as prey. ---- *Current Zoology*, in press (*Dikerogammarus villosus* is more predatory than *Gammarus pulex*, *G. fossarum* and *G. roeseli*.)
- STRAUSFELD, N. J. & D. R. ANDREW 2011. A new view of insect-crustacean relationships. I. Inferences from neural cladistics and comparative neuroanatomy. ---- *Arthropod Structure and Development* 40, 276-288.
- STUDER, A., D. W. THIELTGES & R. POULIN 2010. Parasites and global warming: net effects of temperature on an intertidal host-parasite system. ---- *Marine Ecology Progress Series* 415, 11-22.

- STURARO, N. & J. GUERRA-GARCIA, 2011. A new species of *Caprella* (Crustacea: Amphipoda) from the Mediterranean Sea. ---- *Helgoland Marine Research*, in press. (*C. tavolarenis* n. sp. from Sardinia. With a list of all Mediterranean caprellids)
- TAHERI, M. & M. YAZDANI FOSHTOMI 2010. Community structure and biodiversity of shallow water macrobenthic fauna at Noor coast, South Caspian Sea, Iran. ---- *Journal of the Marine Biological Association UK* 91, 607-613. (i.a. *Pontogammarus maeoticus*)
- TAKESHITA, F., R. CARLOS-LOMBARDO, S. WADA & Y. HENMI 2011. Increased guarding duration reduces growth and offspring number in females of the skeleton shrimp *Caprella penantis*. ---- *Animal Behaviour* 81, 661-666.
- TAKHTEEV, V. V., A. V. GALIMZYANOVA, E. V. AMBROSOVA, L. S. KRAVTSOVA, N. A. ROZHKOVA, G. L. OKUNEVA, V. P. SEMERNOI, G. I. POMAZKOVA & O. G. LOPATOVSKAYA 2010. Zoobenthos communities and their seasonal dynamics in non-freezing springs of Baikal Region. *Biology Bulletin* 37, 638-646. (i.a. *Stygobromus anastasiae*)
- TANDBERG, A. H. S., W. VADER & J. BERGE 2010. Studies on the association of *Metopa glacialis* (Amphipoda, Crustacea) and *Musculus discors* (Mollusca, Mytilidae). ---- *Polar Biology* 33, 1407-1418. (The amphipod appears to be an obligate associate of the mussel, not damaging its host in the process. The amphipod has several broods per year, very uncommon in Arctic waters)
- TANG, K. W., T. G. NIELSEN, P. MUNK, J. MORTENSEN, E. FRIIS MØLLER, K. E. ARENDT. K. TÖNNESSON & T. JUUL-PEDERSEN 2011. Metazooplankton community structure, feeding rates estimates, and hydrography in a meltwater-influenced Greenlandic fjord. ---- *Marine Ecology Progress Series* 434, 77-90.
- TAO, J., C. G. INGERSOLL, N. E. KEMBLE, J. R. DIAS, J. B. MUROWCHICK, G. WELKER & D. HUGGINS 2010. Sediment contamination of residential streams in the metropolitan Kansas City area, USA. Part II. Whole-sediment toxicity to the amphipod *Hyalella azteca*. ---- *Archives of Environmental Contamination and Toxicology* 59, 370-381.
- TAYLOR, S. J. & J. R. HOLSINGER 2011. A new species of the subterranean amphipod crustacean genus *Stygobromus* (Crangonyctidae) from a cave in Nevada\, USA. ---- *Subterranean Biology* 8 (2010), 39-47. (*S. alabpinus* n. sp. from Great Basin National Park, Nevada)
- TEIXEIRA, H., S. B. WEISBERG, A. BORJA, J. A. RANASINGHE, D. B. CADIEN, R. G. VELARDE, L. L. LOVELL, D. PASKO, C. A. PHILLIPS, D. E. MONTAGNE, K. J. RITTER, F. SALAS & J. C. MARQUES 2011. Calibration and validation of the AZTI's Marine Biotic Index (AMBI) for Southern California marine bays. ---- *Ecological Indicators*, in press. (Not seen)
- THIEL, M. 2010. *Chemical communication in peracarid crustaceans*. ---- Pp 199-218 in T. Breithaupt & M. Thiel (eds). *Chemical communication in crustaceans*. Springer Science + Business Media.
- THIEL, M. 2011. *The evolution of sociality : peracarid crustaceans as model organisms*. ---- Pp 285-297 in: *New frontiers in crustacean biology*. Brill, leiden
- THIEL, M. & T. BREITHAUPT 2010. *Chemical communication in crustaceans: Research challenges for the twenty-first century*. ---- Pp 3-22 in T. Breithaupt & M. Thiel (eds). *Chemical communication in crustaceans*. Springer Science + Business Media
- THOEN, H. H., G. JOHNSEN & J. BERGE 2010. Pigmentation and spectral absorbance in the deep-sea arctic amphipods *Eurythenes gryllus* and *Anonyx* sp.. ---- *Polar Biology* 34, 83-93.
- THOMAS, F., J. BRODEUR, F. MAURE, N. FRANCESCHI, S. BLACHET & T. RIGAUD. 2011. Intraspecific variability in host manipulation by parasites. ---- *Infection, Genetics and Evolution* 11, 262-269.

THOMAS, F., E. GULDNER & F. RENAUD 2010. Differential parasite (Trematoda) encapsulation in *Gammarus aequicauda* (Amphipoda). ---- *Journal of Parasitology* 86, 650-654. (Not seen)

THOMAS, J. D. & T. KRAPP-SCHICKEL 2011. A new species of leucothoid amphipod, *Anamixis bananarama*, sp. n., from shallow coral reefs in French Polynesia (Crustacea, Amphipoda, Leucothoidae). ---- *ZooKeys* 92, 1-8 (A. *bananarama* n. sp from Moorea, French Polynesia, found in general washings.)

THRUSH, S. F. & V. J. CUMMINGS 2011. Massive icebergs, alteration in primary food resources and change in benthic communities at Cape Evans, Antarctica. ---- *Marine Ecology* 32, 289-299.

THÜNKEN, S. A. BALDAUF, N. BERSAU, T. C. M. BAKKER, H. KULLMANN & J. G. FROMMEN 2010. Impact of olfactory non-host predator cues on aggregation behaviour and activity in *Polymorphus minutus* infected *Gammarus pulex*. ---- *Hydrobiologia* 654, 137-145.

TOMIKAWA, T., N. KOBAYASHI & S. F. MAWATARI 2010. Phylogenetic relationship of superfamily Gammaroidea (Amphipoda) and its allies from Japan. ---- *Crustacean Research* 39, 1-10. (Not seen, unfortunately)

TREBITZ, A. S., C. W. WEST, J. C. HOFFMAN, G. S. PETERSON & I. A. GRIGOROVICH 2010. Status of non-indigenous benthic invertebrates in the Duluth-Superior Harbor, the role of sampling methods in their detection. ---- *Journal of Great Lakes Research* 36, 7747-756. (i.a. *Echinogammarus ischmus*)

d'UDEKEM d'ACQZ, C. 2010. Contribution to the knowledge of European Liljeborgiidae (Crustacea, Amphipoda), with considerations on the family and its affinities. ---- *Bulletin de l'Institution Royal des Sciences Naturelles de Belgique, Biologie* 80, 127-259. (An important paper. There is a discussion on terminology of setae, spines and teeth, and the author maintains that original spellings with 'qv' in e. g. *aequicornis* may **not** be amended to 'qu'. A detailed discussion of the position of the Liljeborgioidea (here seen as monotypic for the Liljeborgiidae) among amphipod families provisionally suggests the Melphidippoidea as closest relatives. The family Liljeborgiidae is divided into two subfamilies, the Idunellinae subfam. nov. with the genera *Idunella* and *Sextonia*. The genera *Listriella* and *Ronconoides* are for the time being synonymized with *Idunella*, but *Idunella* s. l. is probably polyphyletic and later research will again lead to its splitting. The type species *I. aequicornis* and *I. picta* are redescribed in detail, as well as *Sextonia longirostris*. The other subfamily, the Liljeborgiinae, contains only the genus *Liljeborgia*, here divided into three subgenera, *Liljeborgia* s. str., the revived *Lilljeborgiella*, and *Isippingus*. In *Liljeborgia* s. str. the following species are redescribed *L. (L.) brevicornis* (revived), *L. (L.) dellavallei*, *L. (L.) inermis*, *L. (L.) kinahani*, *L. (L.) macronyx*, *L. (L.) mixta* (not studied here), *L. (L.) pallida* (the type species), *L. (L.) psaltrica* and *L. (L.)* sp. 4, a Mediterranean taxon close to *dellavallei*. A key to N. Atlantic and Mediterranean Liljeborgiidae is provided, as well as an annotated checklist; here the recently described species *L. (Lilljeborgiella) caliginis* is reduced to a form of *L. (Lilljeborgiella) charybdis*. In an appendix the families Cheirocratidae and Hornelliidae are formally described.)

d'UDEKEM d'ACQZ, C. 2011. Validation of the family Bathyporeiidae (Crustacea, Amphipoda). ---- *Zootaxa* 2791, 54-62.

UGOLINI, A., G. BORGIOLI, G. GALANTI, L. MERCATELLI & T. HARIYAMA 2010. Photoresponses of the compound eye of the sandhopper *Talitrus saltator* (Crustacea, Amphipoda) in the ultraviolet-blue range. ---- *Biological Bulletin Woods Hole* 219, 72-79. (Not seen)

UNGERER, P., M. GEPPERT & C. WOLFF 2011. Axogenesis in the central and peripheral nervous system of the amphipod crustacean *Orchestia cavimana*. ---- *Integrative Zoology* 6, 28-44. (Not seen)

VADEBONCOEUR, Y., P. B. MCINTYRE & M. J. VANDER ZANDEN 2011. Borders of biodiversity: Life at the edge of the world's large lakes. ---- *BioScience* 61, 526-537.

VANIN, S. & S. ZANCANER 2011. Post-mortal lesions in freshwater environment. ---- *Forensic Science International*, in press. (Another amphipod feeding on a drowned person, this time *Niphargus elegans*!)

- VARGAS-VILA, M. A., R. L. HANNIBAL, R. J. PARCHEM, P. Z. LIU & N. H. PATEL 2010. A prominent requirement for single-minded and the ventral midline in patterning the dorsoventral axis of the crustacean *Parhyale hawaiiensis*. ---- *Development* 137, in press. (Not seen)
- VAZQUEZ-LUIS, M., P. SANCHEZ-JEREZ & J. T. BAYLE-SEMPERE 2010. Effects of *Caulerpa racemosa* var. cylindracea on predatory availability: an experimental approach to predation of amphipods by *Thalassoma pavo* (Labridae). ---- *Hydrobiologia* 654, 147-154. (The presence of *Caulerpa* decreases amphipod feeding by this predator.)
- VEER, H. W. v. d., J. KOOT, G. AARTS, R. DEKKER, W. DIDERICH, V. FREITAS & J. IJ. WITTE 2011. Long-term trends in juvenile flatfish indicate a dramatic reduction in nursery function of the Balgzand intertidal, Dutch Wadden Sea. ---- *Marine Ecology Progress Series* 434, 143-154.
- VELOSO, V. G., I. AVAZEDO-SALLORENZO, B. C. ARAUJO FERREIRA & G. NEVES DE SOUZA 2010. *Atlantorchestia brasiliensis* (Crustacea: Amphipoda) as an indicator of disturbance caused by urbanization of a beach ecosystem. ---- *Brazilian Journal of Oceanography* 58, 13-21.
- VONK, R. & D. JAUME 2010. *Glyptogidiella omanica* gen. et sp. nov., an inland groundwater bogidiellid from Oman with enlarged coxal plate V (Crustacea, Amphipoda). ---- *Zootaxa* 2657, 55-65.
- WARES, J. P. 2011. Insights from population genetics: Are all crustaceans created equal? ---- *Journal of Crustacean Biology* 31, 339-344. (No, some are more equal than others.)
- WARRANT, E. & M. DACKER 2010. Visual orientation and navigation in nocturnal arthropods. ---- *Brain, Behaviour & Evolution* 75, 156-173. (Not seen)
- WATTS, J. & G. A. TARLING 2011. Population dynamics and production of *Themisto gaudichaudii* (Amphipoda, Hyperiididae) at South Georgia, Antarctica. ---- *Deep Sea Research II*, in press
- WERNER, I., L. A. DEANOVIC, D. MARKEIWICZ, M. KHAMPHANH, C. K. REECE, M. STILLWAY & C. REECE 2010. Monitoring acute and chronic water column toxicity in the Northern Sacramento-San Joaquin Estuary, California, USA, using the euryhaline amphipod, *Hyaella azteca*: 2006 to 2007. ---- *Environmental Toxicology & Chemistry* 29, 2190-2199.
- WESLAWSKI, J. M., A. OPANOWSKI, L. LEGEZYNSKA, B. MACIEJEWSKA, M. WLODARSKA-KOWALCZUK & M. KEDRA 2010. Hidden diversity in Arctic crustaceans. How many roles can a species play? ---- *Polish Polar Research* 31, 205-216. (The authors maintain that in long-lived Arctic crustaceans the different age-groups act as different ecological species.)
- WESTRAM, A. M., C. BAUMGARTNER, I. KELLER & J. JOKELA 2011. Are cryptic host species also cryptic to parasites? Host specificity and geographical distribution of acanthocephalan parasites infecting freshwater *Gammarus*. ---- *Infection, Genetics and Evolution* 11, 1083-1090.
- WHITELEY, N. M., J. L. MAGNAY, S. J. McCLEARY, S. KHAZRAE NIA, A. J. EL HAJ & J. ROCK 2010. Characterisation of myosin heavy chain gene variants in the fast and slow muscle fibres of gammarid amphipods. ---- *Comparative Biochemistry and Physiology A* 157, 116-122.
- WHITELEY, N. M., S. P. S. RASTRICK, D. H. LUNT & J. ROCK 2011. Latitudinal variations in the physiology of marine gammarid amphipods. ---- *Journal of Experimental Marine Biology & Ecology* 400, 70-77.
- WIKSTRÖM, S. A. & H. HILLEBRAND 2011. Invasion by mobile aquatic consumers enhances secondary production and increases top-down control of lower trophic levels. ---- *Oecologia*, in press. (*Gammarus tigrinus* one of six test species.)

- WILDSMITH, M. D., T. H. ROSE, I. C. POTTER, R. M. WARWICK & K. R. CLARKE 2011. Benthic macroinvertebrates as indicators of environmental deterioration in a large microtidal estuary. ---- *Marine Pollution Bulletin* 62, 525-538. (The Swan River estuary, in SW Australia)
- WILKINSON, T. J., J. ROCK, N. M. WHITELEY, M. O. OVCHARENKO & J. E. IRONSIDE 2011. Genetic diversity of the feminising microsporidian parasite *Dictyocoela*: new insights into host-specificity, sex and phylogeography. ---- *International Journal for Parasitology*, in press (A parasite of gammarid amphipods. Not seen.)
- WINFIELD, I. & M. ORTIZ 2010. Colomastigids (Amphipoda: Gammaridea: Colomastigidae) from the Veracruz Coral Reef System, SW Gulf of Mexico, with a description of two new species associated with sponges. ---- *Scientia Marina* 74, 773-782. (Deals with *Colomastix sarae* n. sp. (from *Amphimedon compressa*), *C. escobarae* n. sp. (from *Desmopsamma anchorata*), *D. halichondriae*, *C. irciniae* and *C. tridentata*. A world list of *Colomastix* species is provided.)
- WINFIELD, I., M. ORTIZ & S. CHAZARO-OLVERA 2009. (A new species of commensal amphipod (Amphipoda: Gammaridea: Leucothoidae) from Veracruz Coral Reef Systems, SW Gulf of Mexico.) ---- *Revista Mexicana de Biodiversidad* 80, 315-321. (In Spanish. Deals with *Leucothoe hortapugai* n. sp., from the sponge *Aplysina fistularis*. The new species is compared to 5 related *Leucothoe* species.)
- WONG, K. L. C. & S. O'SHEA 2011. The effects of a mussel farm on benthic macrofaunal communities in Hauraki Gulf, New Zealand. ---- *New Zealand Journal of Marine and Freshwater Research* 45, 187-212. (i.a. two *Paraphoxus* species)
- XU, Z. 2010. Statistical analysis on ecological adaptation of pelagic Amphipoda in China Sea. ---- *Acta Oceanologica Sinica* 6, 61-69. (Not seen)
- XUEREB, B., L. BEZIN, A. CHAUMET, H. BUDZINSKI, S. AUGAGNEUR, R. TUTUNDJIAN, J. GARRIE & O. GEFFARD 2011. Vitellogenin-like gene expression in freshwater amphipod *Gammarus fossarum* (Koch, 1835): functional characterization in females and potential for use as an endocrine disruption biomarker in males. ---- *Ecotoxicology*, in press.
- XUEREB, B., A. CHAUMOT, R. MONS, J. GARRIC & O. GEFFARD 2009. Acetylcholinesterase activity in *Gammarus fossarum* (Crustacea Amphipoda). Intrinsic variability, reference levels, and a reliable tool for field surveys. ---- *Aquatic Toxicology* 93, 225-233. (Not seen)
- YANG, G., S. SHORT, P. KILLE & A. T. FORD 2010. Microsporidia infections in the amphipod, *Echinogammarus marinus* (Leach): suggestions of varying causal mechanisms to intersexuality. ---- *Marine Biology* 158, 461-470.
- YE, N., X. WENG, Y. MAO, C. LIANG, D. XU, J. ZOU, Z. ZHUANG & Q. WANG 2011. 'Green tides' are overwhelming the coastline of our blue planet: taking the world's largest example. ---- *Ecological Research* 26, 477-485.
- ZADEREEV, E. S., A. P. TOLOMEYEV, A. V. DROBOTOV, A. Yu. EMELIYANOVA & M. V. GUBANOV 2010. The vertical distribution and abundance of *Gammarus lacustris* in the pelagic zone of the meromictic lakes Shira and Shunet (Khakassia, Russia). ---- *Aquatic Ecology* 44, 531-539.
- 38
- ZAICO, A., M. LEHTINIEMI, A. NARSCIUS & S. OLENIN 2011. Assessment of bioinvasion impacts on a regional scale: a comparative approach. ---- *Biological Invasions*, in press.
- ZAKHAMA-SRAIEB, R. & F. CHARFI-CHEIKHROUHA 2010. First record of two Lessepsian amphipods in Tunisia: *Elasmopus pecteniscus* and *Stenothoe gallensis*. ---- *Journal of the Marine Biological Association UK* 90, 1291-1295.
- ZAKHAMA-SRAIEB, R., Y. R. SGHAIER & F. CHARFI-CHEIKHROUHA 2010. Community structure of amphipods on shallow *Posidonia oceanica* meadow off Tunisian coasts. ---- *Helgoland Marine Research* 65, 203-209. (44 spp of amphipods are listed in Table 2; the most numerous species were *Ampithoe helleri*, *Hyale camptonyx* and *Erichthonius punctatus*.)

ZAKHAMA-SRAIEB, R., Y. R. SGHAIER, S. GUESMI & F. CHARFI-CHEIKHROUHA 2011. Peracarid crustaceans associated with the red alga *Corallina elongata* in Rafrat, Tunisia (Mediterranean Sea). ---- *Crustaceana* 84, 69-80. (22 spp of amphipods, with *Elasmopus pocillimanus*, *Caprella grandimana* and *Stenothoe monoculoides* dominant.)

ZAMANPOORE, M., M. GRABOWSKI, M. POECKL & F. SCHIEMER 2010. Erratum. ---- *Zootaxa* 2666, 68. (In the earlier paper by these authors on two new *Gammarus* species from the Zagros, Iran, Fig. 4 was missing. It is here presented.)

ZAMZOW, J. P., C. F. AUMACK, C. D. AMSLER, J. B. McCLINTOCK, M. O. AMSLER & B. J. BAKER 2010. Gut contents and stable isotope analyses of the Antarctic fish, *Notothenia coriiceps* (Richardson), from two macroalgal communities. ---- *Antarctic Science* 23, 107-118. (Amphipods were the primary prey everywhere, but the distribution of amphipod spp varied with the algae.)

ZHANG, W., Y. YE, Y. TONG, D. HU & X. WANG 2010. Modeling time-dependent toxicity to aquatic organisms from pulsed exposure of PAHs in urban road runoff. ---- *Environmental Pollution*, in press (i.a. *Gammarus duebeni* and *Hyalella azteca*)

ZUBROD, J. P., M. BUNDSCHUH & R. SCHULZ 2010. Effects of subchronic fungicide exposure on the energy processing of *Gammarus fossarum* (Crustacea: Amphipoda). ---- *Ecotoxicology and Environmental Safety* 73, 1674-1680.

New amphipod taxa in AN35

1. Families and Subfamilies

Bathyporeiidae d’Udekem d’Acoz, 2011
Cebocaridae Lowry & Stoddart, 2011
Cheirocratidae d’Udekem d’Acoz 2010
Cyclocaridae Lowry & Stoddart, 2011
Hornelliidae d’ Udekem d’Acoz 2010
Subf. **Idunellinae** d’Udekem d’Acoz 2010 (Liljeborgiidae)
Lepidepcrerellidae Stoddart & Lowry, 2010
Thoriellidae Lowry & Stoddart, 2011

2. Genera and subgenera

Africorchestia Lowry & Coleman, 2011	Talitridae
Australolestes Just, 2011	Ischyroceridae
Dana Lowry, 2011	Talitridae
Gordonodius Ariyama, 2011	Odiidae
Glyptogidiella Vonk & Jaume, 2010	Bogidiellidae
Subg. Isipingus Barnard & Karaman, 1987 (rev.) (<i>Liljeborgia</i>)	Liljeborgiidae
Kruptus Finston, Johnson & Knott, 2008	Paramelitidae
Lanorchestia Miyamoto & Morino, 2010	Talitridae
Liljeborgiella Schellenberg, 1931 (rev.) (<i>Liljeborgia</i>)	Liljeborgiidae
Malvinometopa Krapp-Schickel, 2011	Stenothoidae
Microcheus Souza-Filho, 2011	Cheidae
Photosella Lowry & Stoddart, 2011	Tryphosinae
Ruffosius Souza-Filho, 2011	Cheidae
Sandrothoe Krapp-Schickel, 2009	Stenothoidae
Victometopa Krapp-Schickel, 2011	Stenothoidae

3. Species and Subspecies

albapinus Taylor & Holsinger, 2011 (<i>Stygobromus</i>)	Crangonyctidae
aldebaranae Coleman, 2010 (<i>Batea</i>)	Bateidae
anomala Souza-Filho, Souza & Valério-Berardo, 2010 (<i>Chevalia</i>)	Chevaliidae
arafura Hughes & Lowry, 2011 (<i>Elasmopus</i>)	Maeridae
aumogo Hughes, 2011 (<i>Parelasomopus</i>)	Maeridae
bananarama Thomas & Krapp-Schickel, 2011 (<i>Anamixis</i>)	Leucothoidae
barnardi Hughes, 2011 (<i>Mallacoota</i>)	Maeridae
bastidai Garcia-Madrigal, 2010 (<i>Elasmopus</i>)	Maeridae
betka Lowry & Stoddart, 2011 (<i>Tryphosella</i>)	Tryphosinae
bicheno Lowry & Stoddart, 2011 (<i>Tryphosella</i>)	Tryphosinae
bousfieldi Garcia-Madrigal, 2010 (<i>Melita</i>)	Melitidae
brevicornis (Bruzellius, 1859) revived (<i>Liljeborgia</i>)	Liljeborgiidae
bulowara Hughes, 2011 (<i>Mallacoota</i>)	Maeridae
caecilius Holsinger, 2011 (<i>Stygobromus</i>)	Crangonyctidae
caetes Souza-Filho, Souza & Valério-Berardo, 2010 (<i>Chevalia</i>)	Chevaliidae
carteri Hughes & Lowry, 2011 (<i>Elasmopus</i>)	Maeridae
chiltoni Kilgallen & Ahyong, 2011 (<i>Mallacoota</i>)	Maeridae
chinchilla Lowry & Stoddart, 2011 (<i>Tryphosella</i>)	Tryphosinae
clarus Hou & Li, 2010 (<i>Gammarus</i>)	Gammaridae
convexa Souza-Filho, Souza & Valério-Berardo, 2010 (<i>Chevalia</i>)	Chevaliidae
cooei Lowry & Stoddart, 2011 (<i>Tryphosella</i>)	Tryphosinae
elenae Sidorov, 2011 (<i>Pseudocrangonyx</i>)	Pseudocrangonyctidae
escobarae Winfield & Ortiz, 2010 (<i>Colomastix</i>)	Colomastigidae
eucla Krapp-Schickel, 2009 (<i>Sandrothoe</i>)	Stenothoidae
felleri Holsinger, 2011 (<i>Stygobromus</i>)	Crangonyctidae
fenwicki Hughes, 2011 (<i>Hoho</i>)	Maeridae
fluminensis Souza-Filho, 2011 (<i>Ruffosius</i>)	Cheidae
foliatus Holsinger, 2011 (<i>Stygobromus</i>)	Crangonyctidae
fortescue Lowry & Stoddart, 2011 (<i>Tryphosella</i>)	Tryphosinae
freycinet Lowry & Stoddart, 2011 (<i>Tryphosella</i>)	Tryphosinae
gageoensis Kim, Lee & Min, 2010 (<i>Gammarus</i>)	Gammaridae
gojeensis Kim, Hendrycks & Lee, 2010 (<i>Houstonia</i>)	Amphilochidae
hegmatanensis Hekmatara, Sari & Baladehi, 2011 (<i>Gammarus</i>)	Gammaridae
hortapugai Winfield, Ortiz & Chazaro-Olvera, 2009 (<i>Leucothoe</i>)	Leucothoidae
hubbardi Holsinger, 2009 (<i>Stygobromus</i>)	Crangonyctidae
hyperopia Hughes & Lowry, 2011 (<i>Elasmopus</i>)	Maeridae
hypolithicus Hou & Li, 2010 (<i>Gammarus</i>)	Gammaridae
igneus Ariyama, 2011 (<i>Postodius</i>)	Odiidae
illustris Hou & Li, 2010 (<i>Gammarus</i>)	Gammaridae
ischienoplia Bochert & Zettler, 2010 (<i>Grandidierella</i>)	Aoridae
istanbulensis Özbek & Özkan, 2011 (<i>Dikerogammarus</i>)	Gammaridae
jamiesoni Lörz, 2011 (<i>Princaxelia</i>)	Pardaliscidae
japonicus Ariyama, 2011 (<i>Antarctodius</i>)	Odiidae
justi Lowry & Stoddart, 2011 (<i>Parachevreuxiella</i>)	Thoriellidae
kalbarri Hughes, 2011 (<i>Hoho</i>)	Maeridae
kangarooensis Hughes, 2011 (<i>Hoho</i>)	Maeridae
kanoi Miyamoto & Morino, 2010 (<i>Lanorchestia</i>)	Talitridae
karlae Garcia-Madrigal, 2010 (<i>Elasmopus</i>)	Maeridae
katagani Bakir, Sezgin & Myers, 2011 (<i>Megamphopus</i>)	Photidae
koreanus Lee & Hong, 2010 (<i>Perotripus</i>)	Phtisicidae
kunmunyah Hughes, 2011 (<i>Mallacoota</i>)	Maeridae
lecroyae Garcia-Madrigal, 2010 (<i>Elasmopus</i>)	Maeridae

leveque Hughes & Lowry, 2011 (<i>Elasmopus</i>)	Maeridae
linnaei Finston, Johnson & Knott, 2008 (<i>Krupthus</i>)	Paramelitidae
longimanus Guerra-Garcia, Ganesh, Jaikumar & Raman 2010 (<i>Figurru</i>)	Phtisicinae
longipropodus Senna & Souza-Filho, 2011 (<i>Elasmopus</i>)	Maeridae
maridwinae Hughes, 2011 (<i>Mallacoota</i>)	Maeridae
marajoara Souza-Filho, Souza & Valério-Berardo, 2010 (<i>Chevalia</i>)	Chevaliidae
marcelae Garcia-Madrigal, 2010 (<i>Elasmopus</i>)	Maeridae
martrudan Lowry & Stoddart, 2011 (<i>Tryphosella</i>)	Tryphosinae
mausi Holsinger, 2009 (<i>Stygobromus</i>)	Crangonyctidae
mcluerensis Hughes & Lowry, 2011 (<i>Elasmopus</i>)	Maeridae
morenoi Iannilli, Minelli & Ruffo, 2009 (<i>Haploginglymus</i>)	Niphargidae
nellae Stoddart & Lowry, 2010 (<i>Lepidepecreella</i>)	Lepidepecreellidae
norfanzi Lörz, 2010 (<i>Epimeria</i>)	Epimeriidae
nortoni Souza-Filho, 2011 (<i>Microcheus</i>)	Cheidae
oaxaquensis Garcia-Madrigal, 2010 (<i>Elasmopus</i>)	Maeridae
ogasawarensis Shimomura & Kakui, 2011 (<i>Ingolfiella</i>)	Ingolfiellidae
omanica Vonk & Jaume, 2010 (<i>Glyptogidiella</i>)	Bogidiellidae
ornatus Ariyama, 2011 (<i>Postodius</i>)	Odiidae
otus Hughes & Lowry, 2011 (<i>Elasmopus</i>)	Maeridae
paludosa Cheng, Nakazono, Lin & Chan, 2011 (<i>Platorchestia</i>)	Talitridae
parvioculus Hou & Li, 2010 (<i>Gammarus</i>)	Gammaridae
paxillus Holsinger, 2011 (<i>Stygobromus</i>)	Crangonyctidae
penelope Hughes, 2011 (<i>Mallacoota</i>)	Maeridae
petrici (Thomson, 1882) rev. (<i>Mallacoota</i>)	Maeridae
rodondo Lowry & Stoddart, 2011 (<i>Tryphosella</i>)	Tryphosinae
rorida Krapp-Schickel, 2011 (<i>Victometopa</i>)	Stenothoidae
sarae Winfield & Ortiz, 2010 (<i>Colomastix</i>)	Colomastigidae
setosa Souza-Filho, Souza & Valério-Berardo, 2010 (<i>Chevalia</i>)	Chevaliidae
sextarius Holsinger, 2009 (<i>Stygobromus</i>)	Crangonyctidae
shepherdi Hughes & Lowry (<i>Elasmopus</i>)	Maeridae
sibuensis Azman & Melvin, 2011 (<i>Urothoe</i>)	Urothoidae
sirius Hughes, 2011 (<i>Mallacoota</i>)	Maeridae
sirvannus Hekmatara, Sari & Baladehi, 2011 (<i>Gammarus</i>)	Gammaridae
sorell Lowry & Stoddart, 2011 (<i>Tryphosella</i>)	Tryphosinae
souzaifilhoi Senna, 2011 (<i>Elasmopus</i>)	Maeridae
straussi Daneliya, 2011 (<i>Sandro</i>)	Austroniphargidae
striatus Ariyama, 2011 (<i>Postodius</i>)	Odiidae
tavolarensis Sturaro & Guerra-Garcia, 2011 (<i>Caprella</i>)	Caprellidae
tathra Lowry & Stoddart, 2011 (<i>Tryphosella</i>)	Tryphosinae
thomasi Souza-Filho, Souza & Valério-Berardo, 2010 (<i>Chevalia</i>)	Chevaliidae
tinggiensis Azman & Melvin, 2011 (<i>Urothoe</i>)	Urothoidae
toowoomba Lowry & Stoddart, 2011 (<i>Tryphosella</i>)	Tryphosinae
tricarinata Hughes, 2011 (<i>Hoho</i>)	Maeridae
trinacriae Krapp, Grasso & Ruffo 2011 (<i>Jassa</i>)	Ischyroceridae
tuckanarra Lowry & Stoddart, 2011 (<i>Tryphosella</i>)	Tryphosinae
umarae Garcia-Madrigal, 2010 (<i>Maera</i>)	Maeridae
veneris Leijss, Bloechl & Koenemann, 2011 (<i>Bogidiella</i>)	Bogidiellidae
wangaratta Lowry & Stoddart, 2011 (<i>Tryphosella</i>)	Tryphosinae
wittecarra Hughes, 2011 (<i>Hoho</i>)	Maeridae
woodjonesi Hughes & Lowry, 2011 (<i>Elasmopus</i>)	Maeridae
worimi Hughes, 2011 (<i>Mallacoota</i>)	Maeridae
zoe Horton & Thurston, 2011 (<i>Centromedon</i>)	Uristidae

4. New taxa ranked taxonomically after families.

Amphilochidae	Hourstonius geojeensis
Aoridae	Grandidierella ischienoplia
Austroniphargidae	Sandro straussi
Bateidae	Batea aldebaranae
Bathyporeiidae	
Bogidiellidae	Bogidiella veneris
	Glyptogidiella omanica
Caprellinae	Caprella tavolarensis
Cebocaridae	
Cheidae	Microcheus nortoni
	Ruffosius fluminensis
Cheirocratidae	
Chevaliidae	Chevalia anomala, caetes, convexa, marajoara, setosa, thomasi
Colomastigidae	Colomastix escobarae, sarae
Crangonyctidae	Stygobromus albapinus, caecilius, felleri, foliatus, hubbardi, mausi, paxillus, sextarius
Cyclocaridae	
Epimeriidae	Epimeria norfanzi
Gammaridae	Dikerogammarus istanbulensis
	Gammarus clarus, gageoensis, hegmatanensis, hypolithicus, illustris, parvioculus, sirvannus
Hornelliidae	
Ingolfiellidae	Ingolfiella ogasawarensis
Ischyroceridae	Australolestes
	Jassa trinacriae
Lepidepecreellidae	Lepidepecreella nellae
Leucothoidae	Anamixis bananarama
	Leucothoe hortapugai
Liljeborgiidae	(Idunellinae)
	subgenus Isipingus (rev.)
	(Liljeborgiinae)
	Liljeborgia brevicornis
	subgenus Lilljeborgiella (rev.)
Maeridae	Elasmopus arafura, bastidai, carteri, hyperopia, karlae, lecroyae, leveque, longipropodus, marcelae, mcluerensis, oaxaquensis, otus, shepherd, souzafilhoi, woodjonesi
	Hoho fenwicki, kalbarri, kangarooensis, lowryi, tricarinata, wittecarra
	Maera umarae
	Mallacoota barnardi, bulowara, chiltoni, kunmunyah, maridwinae, penelope, petriei (rev.), sirius, worimi
	Parelasmpopus aumogo
Melitidae	Melita bousfieldi
Niphargidae	Haploginglymus morenoi
Odiidae	Antarctodius japonicus
	Gordonodius
	Postodius igneus, ornatus, striatus
Paramelitidae	Kruptus linnaei
Pardaliscidae	Princaxelia jamiesoni
Photidae	Megamphopus katagani
Phtisicinae	Jigurru longimanus
	Perotripus koreanus
Pseudocrangonyctidae	Pseudocrangonyx elenae

Stenothoidae	Malvinometopa
	Sandrothoe eucla
	Victometopa rorida
Talitridae	Africorchestia
	Dana
	Lanorchestia kanoi
	Platorchestia paludosa
Thoriellidae	Parachevreuxiella justi
Tryphosinae	Photosella
	Tryphosella beta, bicheno, chinchilla, cooe, fortescue, freycinet, martrudan, rodondo, sorell, tathra, toowoomba, tuckanarra, wangeratta
Uristidae	Centromedon zoe
Urothoidae	Urothoe sibuensis, tinggiensi

In remembrance of George Crawford

On the 16th April 2011 George I. Crawford died at the grand age of 100.



Photo: O. Coleman

George worked as Assistant Keeper at the British Museum (Natural History) before and after World War II and throughout his career he maintained an interest in amphipods and worked extensively on the genus *Corophium* and in 1937 he did a review of the genus.

In 1937, he participated in the Percy Sladen expedition to Lake Titicaca. The finance for this expedition was given by the Percy Sladen Trustees with help and support by the Royal Society and the Museum. As a result George became the deputy leader of the expedition and zoologist in charge of the collections from the world's highest and largest lake. His field notebooks from the expedition, are held in The Natural History Museum Archives (accession number 2000/11)

The Natural History Museum, London (NHM) holds a huge collection of his amphipod slides and spirit specimens collected from this expedition, some of which were further identified by Oliver Coleman and some named in honour of George for his tremendous efforts in collecting and sorting this material: *Hyaella crawfordi* 2005.89, Allotype ov. female (Spirit specimen + 1 slide) *Hyaella crawfordi* 2005.90, Holotype male (Spirit specimen + 2 slides) *Hyaella crawfordi* 2005.91 - 94, Paratype females (2) and males (2) (Spirit specimens)



Hyaella crawfordi Coleman & Gonzalez 2006

With his continued passion for amphipods he offered his assistance with Amphipod Newsletter (AN), especially with the index in AN 14, which has him as first author. George was full of good memories of his past and was always smiling when he looked back on them. Wim Vader, Oliver Coleman, Gauthier Chapelle and I were all privileged to meet George throughout the various stages of our careers.

A selection of his scientific papers include:

Crawford, G.I., 1936. Additions to the Plymouth marine fauna (1931) in the crustacean orders Tanaidacea, Isopoda and Amphipoda. *Journal of the Marine Biological Association (UK)* 21(1): 95 – 106

Crawford, G.I., 1937. An amphipod, *Eucrangonyx gracilis* S.I. Smith, new to Britain. *Nature* 139: 327

Crawford, G.I., 1937. A review of the amphipod genus, *Corophium* with notes on the British species Britain. *Journal of the Marine Biological Association (UK)* 21(2): 589 – 630

Crawford, G.I., 1937. Notes on the distribution of burrowing Isopoda and Amphipoda in various soils on the sea bottom near Plymouth. *Journal of the Marine Biological Association (UK)* 21(2): 631 – 646

Crawford, G.I., 1937. The fauna of certain estuaries in West England and South Wales with special reference to the Tanaidacea, Isopoda and Amphipoda. *Journal of the Marine Biological Association (UK)* 21(2): 647 – 662

Crawford, G.I., 1939. The amphipod *Melita pellucida* with new to Ireland and the Isle of Man. *Annals and Magazine of Natural History, Ser. 11*, 3: 530 – 531

In tribute to George:

Coleman, C.O. & Gonzalez, E.R. 2006. New hyalellids (Crustacea, Amphipoda, Hyaellidae) from Lake Titicaca. *Organisms Diversity and Evolution* 6 (10): 1 - 28

Miranda Lowe

In remembrance of Stella Vassilenko



Stella Vassilenko was the only Russian specialist on Caprellidae and Cumacea. As a young woman, she had to choose between studies in biology or music. Her choice fell on biology, despite her beautiful voice, which surely would have given her a good career as a singer.

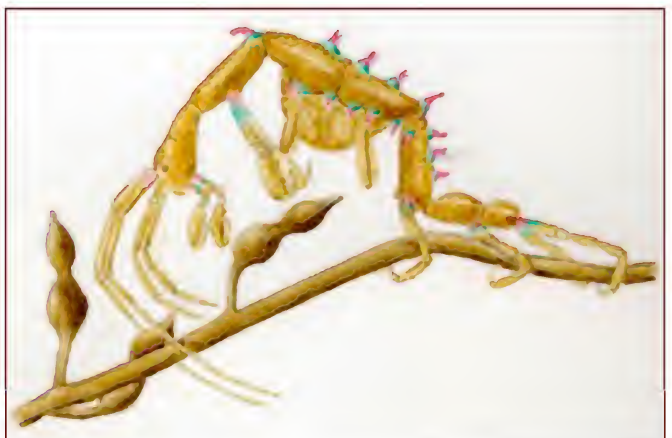
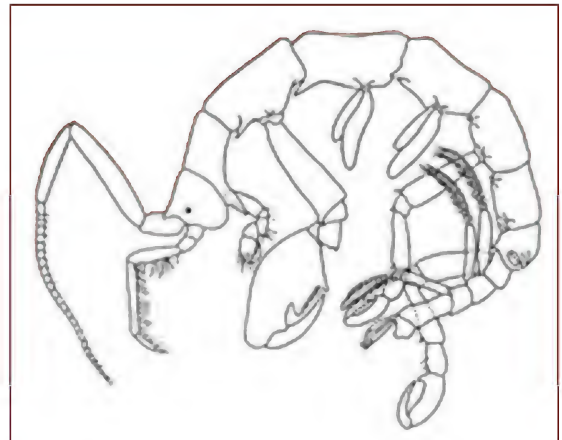
At the beginning of her career she worked on algae, she soon switched to zoology. Since 1963 she worked at the Zoological Institute, Russian Academy of Sciences in St. Petersburg. She did not like to be photographed, but this one picture was secured by her colleagues.

She described several new species and was the coauthor of some new families; together with Kudryashov she established the genus *Caprogammarus*. They also established the family Caprogammaridae for this genus, which combined the features of Caprellidae and Gammaridae.

The drawings are examples from Stella's beautiful artwork.

Obituary for Stella Vassilenko

An obituary for Stella Vassilenko will be published in Zootaxa.



Pictures and text are taken from <http://olnud.livejournal.com/28886.html> Translation from Russian was kindly produced by Aleksander Plotkin.

Early Announcement of the 15th ICA

We are pleased to announce that the 15th International Colloquium on Amphipoda is planned to be held in Poland in summer 2013, and organized by the Department of Invertebrate Zoology & Hydrobiology, University of Lodz. As the previous two colloquia in 1980



and in 1994, as well as the European Crustacean Conference in 2002 were organized by our team in Lodz, this time we decided to move to another part of Poland. Thus, we would like to invite you to the very picturesque ranges of Carpathian Mountains, full of nature, wildlife and folklore, not far from the historical town of Cracov.

At the moment we are in stage of making the arrangements with conference venues, so as to host everybody in a most comfortable, friendly and peaceful atmosphere. As in the previous years the meeting will last for 5-6 days, including the keynote presentations, thematic sessions and poster presentations. Obviously, you

should prepare yourself also for the mid-conference field-trip and social program. In the following months we will inform you with more details regarding the exact dates, place and official website for the meeting.

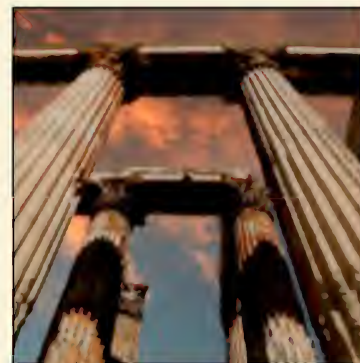
We are looking forward to meet you all there!

On behalf of the organizing committee,

Michal Grabowski

Karolina Bacela-Spychalska

The Crustacean Society Summer Meeting 2012



The call for abstracts is out on The Crustacean Society Summer Meeting 2012. The venue will be Athens, Greece, and the meeting will be held jointly with the 10th Colloquium Crustacea Decapoda Mediterranea.

The Crustacean Society invites submissions of papers for oral and poster presentation and proposals for Symposia topics at its Annual Conference jointly hosted with the Colloquium Crustacea Decapoda Mediterranea in June 2012, in Athens – GREECE.

The event will place particular emphasis on innovating research from all areas of crustacean science including systematics, taxonomy, evolution, phylogeny, ecology, behavior, sociobiology, development and larval biology, physiology, symbiosis, parasitology, genetics, molecular biology, biogeography, fossils and ichnology, taphonomy, palaeobiology, conservation and introduced species.

Particular focus will be given on issues regarding safety, quality, health, nutrition and other themes related to crustacean farming.

Aim of the joined organization is the promotion of meetings, exchange of scientific knowledge and potential collaborations among carcinologists from different regions of the world.

You are most welcome to join us for the TCS summer meeting and the 10th Colloquium Crustacea Decapoda Mediterranea in Athens, Greece.

Please see <http://www.cssm2012.gr> for more information

The deadline for abstracts is December 15th 2011





XIV ICA Seville 2010

The 14th International Colloquium on Amphipoda (ICA) was held in Seville, Spain from 13-18 September 2010. A total of 137 participants from 30 countries participated in the colloquium. The sessions included 50 oral presentations and 83 posters that were divided within topics on amphipod taxonomy, phylogeny, databases, invasive species, biogeography, molecular approaches and ecotoxicology. Much of the proceedings were published in a special volume of the international journal *Zoologica Baetica* (2010: vol. 21). Also presented during the meeting was a slide show on “Four Decades of Amphipod Meetings” and a tribute to several members of the amphipod “family” whom have passed namely Sandro Ruffo,

Angelo Libertini, Nina L. Tzvetkova and Yoko Wakabara.

There was also the opportunity relax, and with a glass of wine in hand, reacquaint with old friends and make new friendships as well. Very warm temperatures (over 40°C) greeted members of the amphipod “family” giving us plenty of opportunity to enjoy the scenery and culture of Seville. This included the typical Spanish ham “jamón” and other Spanish tapas provided during the get-together dinner. We enjoyed the sounds of violins in front of the Giralda during the welcome dinner reception and to visit the “Alcázares” at sunset. After a memorable tour of Seville in horse-drawn carriages, dinner and dancing “sevillanas” occurred

aboard ship while sailing on the Guadalquivir River. A day trip to Doñana National Park and to Tarifa Island brought us to the beautiful landscapes and ecosystems of Southern Spain.

Thank you!

None of the above could have occurred without the work of Jose M. Guerra Garcia and his organizing team. For this, we once again thank you Jose for organizing such a memorable meeting!

Images and more can be viewed at

<http://congreso.us.es/amphipoda/seville.pdf>

For contributions to future Amphipod newsletters:

Please contact Adam (abaldinger(at)oeb.harvard.edu), Miranda (m.lowe(at)nhm.uk) or Anne Helene (annehelene.tandberg(at)imr.no). We are always happy to hear from you: what do you want us to include in the newsletter, do you have information about meetings, how do you think we can improve?

Thank you for your help!

Wim, Adam, Miranda and Anne Helene